Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012324\
Data File : BN029350.D
Acq On : 23 Jan 2024 16:47
Operator : MA/JU
Sample : IDOC-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
IDOC-04

Quant Time: Jan 24 02:03:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 02:16:14 2024
Response via : Initial Calibration

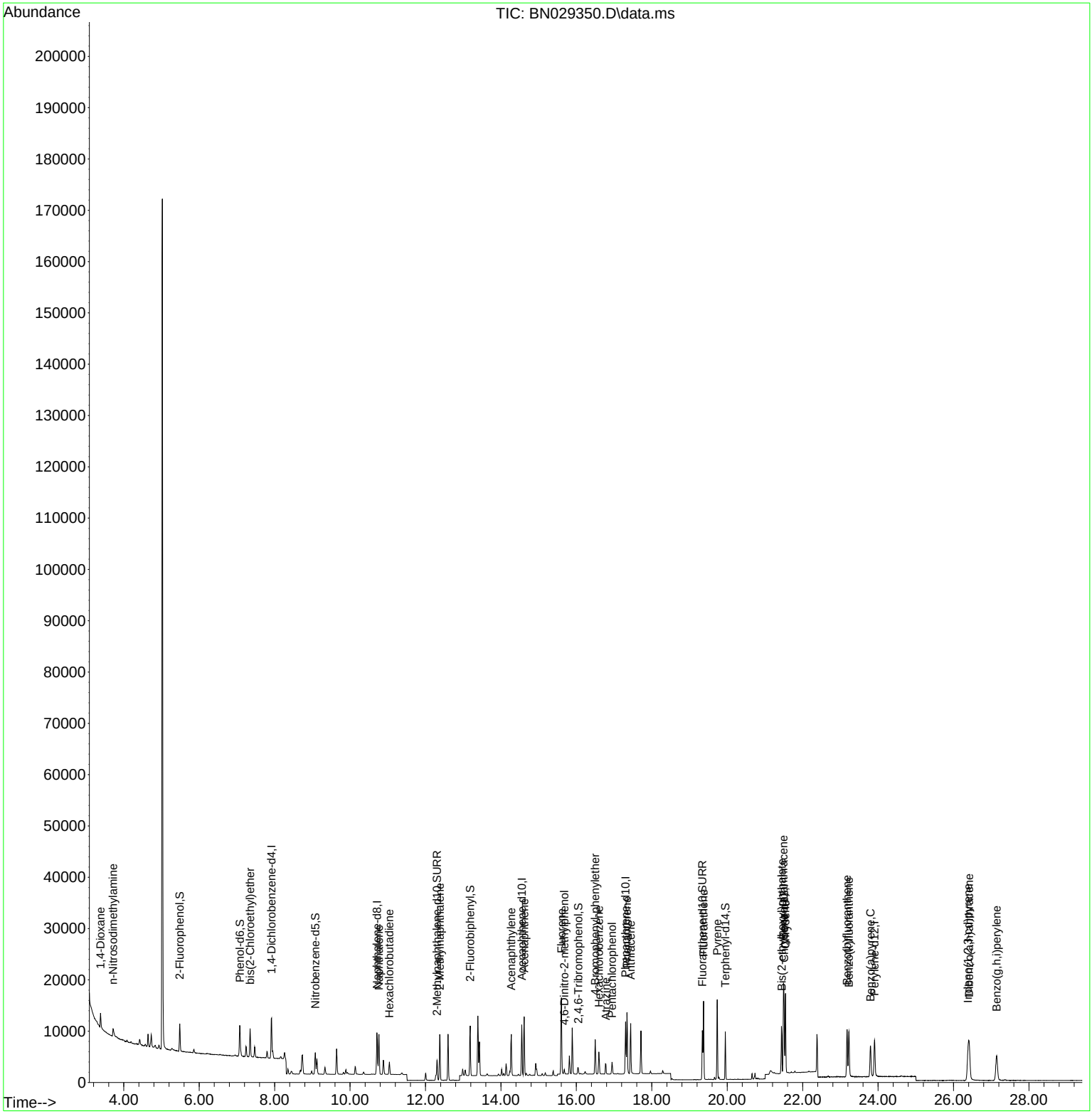
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.919	152	3801	0.400	ng		0.00
7) Naphthalene-d8	10.712	136	10618	0.400	ng		0.00
13) Acenaphthene-d10	14.554	164	5334	0.400	ng		0.00
19) Phenanthrene-d10	17.305	188	12410	0.400	ng		0.00
29) Chrysene-d12	21.510	240	10119	0.400	ng		0.00
35) Perylene-d12	23.905	264	9961	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.486	112	4037	0.400	ng		0.00
5) Phenol-d6	7.082	99	5315	0.394	ng		0.00
8) Nitrobenzene-d5	9.078	82	3336	0.296	ng		0.00
11) 2-Methylnaphthalene-d10	12.306	152	6632	0.377	ng		0.00
14) 2,4,6-Tribromophenol	16.052	330	777	0.280	ng		0.00
15) 2-Fluorobiphenyl	13.185	172	8201	0.319	ng		0.00
27) Fluoranthene-d10	19.341	212	10287	0.280	ng		0.00
31) Terphenyl-d14	19.949	244	8228	0.317	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.384	88	1634	0.331	ng	#	58
3) n-Nitrosodimethylamine	3.716	42	1534	0.306	ng	#	96
6) bis(2-Chloroethyl)ether	7.349	93	3916	0.314	ng		98
9) Naphthalene	10.765	128	9836	0.288	ng		99
10) Hexachlorobutadiene	11.043	225	1865	0.260	ng	#	100
12) 2-Methylnaphthalene	12.378	142	6024	0.271	ng		97
16) Acenaphthylene	14.276	152	8946	0.315	ng		100
17) Acenaphthene	14.618	154	5524	0.289	ng		98
18) Fluorene	15.605	166	7393	0.285	ng		99
20) 4,6-Dinitro-2-methylph...	15.679	198	553	0.242	ng		95
21) 4-Bromophenyl-phenylether	16.498	248	2310	0.255	ng	#	64
22) Hexachlorobenzene	16.598	284	2804	0.251	ng		94
23) Atrazine	16.784	200	1765	0.266	ng		98
24) Pentachlorophenol	16.945	266	1057	0.283	ng		99
25) Phenanthrene	17.342	178	12266	0.288	ng		99
26) Anthracene	17.442	178	10669	0.283	ng		99
28) Fluoranthene	19.373	202	13379	0.262	ng		98
30) Pyrene	19.736	202	13830	0.300	ng		99
32) Benzo(a)anthracene	21.492	228	12390	0.294	ng		100
33) Chrysene	21.546	228	12550	0.289	ng		100
34) Bis(2-ethylhexyl)phtha...	21.447	149	6617	0.285	ng		99
36) Indeno(1,2,3-cd)pyrene	26.385	276	12711	0.299	ng		96
37) Benzo(b)fluoranthene	23.177	252	12204	0.288	ng		96
38) Benzo(k)fluoranthene	23.227	252	11962	0.287	ng	#	97
39) Benzo(a)pyrene	23.797	252	9533	0.286	ng		95
40) Dibenzo(a,h)anthracene	26.414	278	10284	0.299	ng		97
41) Benzo(g,h,i)perylene	27.145	276	10854	0.294	ng		97

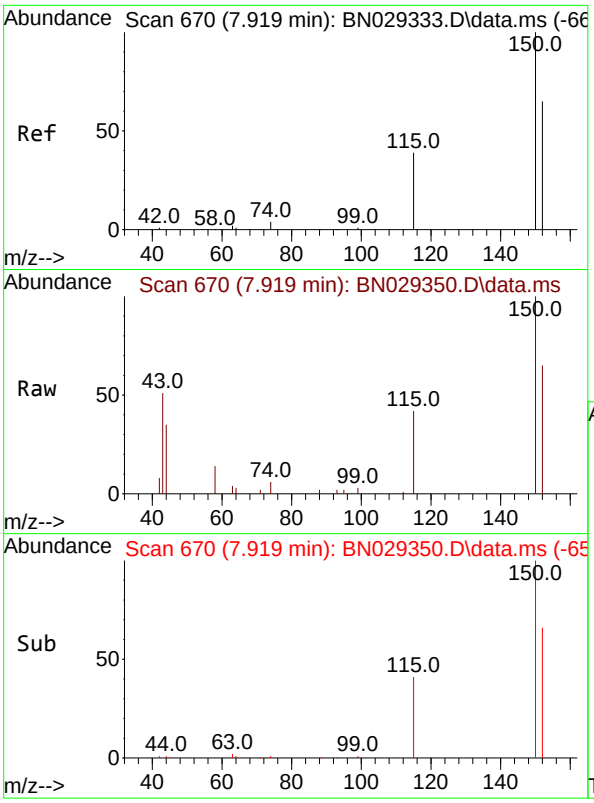
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012324\
Data File : BN029350.D
Acq On : 23 Jan 2024 16:47
Operator : MA/JU
Sample : IDOC-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
IDOC-04

Quant Time: Jan 24 02:03:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 02:16:14 2024
Response via : Initial Calibration



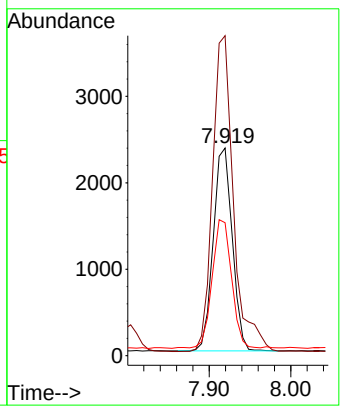


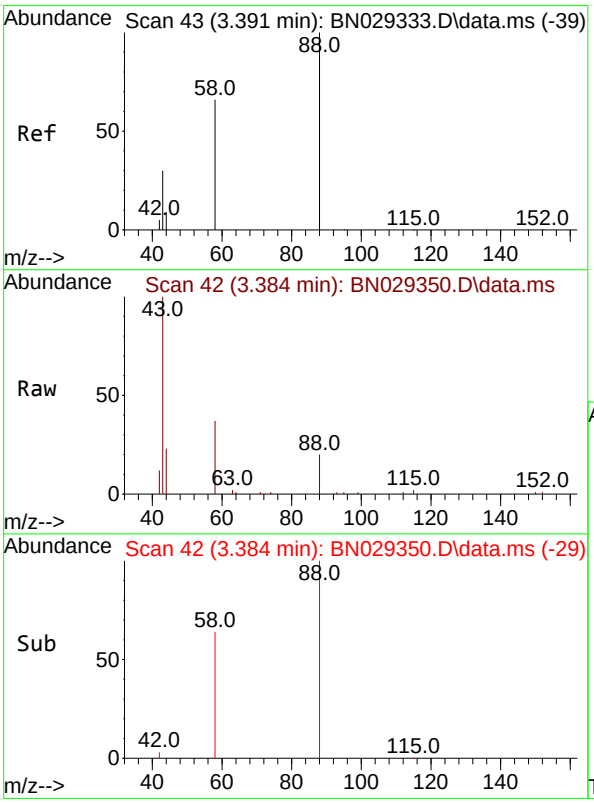
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.919 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN029350.D
Acq: 23 Jan 2024 16:47

Instrument :
BNA_N
ClientSampleId :
IDOC-04

Tgt Ion:152 Resp: 3801

Ion	Ratio	Lower	Upper
152	100		
150	154.1	121.1	181.7
115	64.0	49.8	74.6

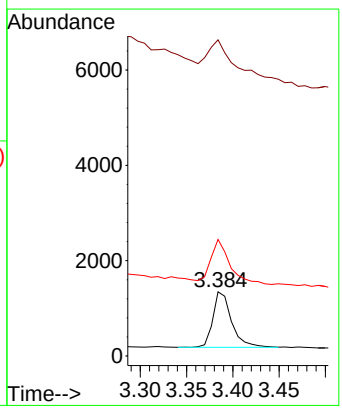


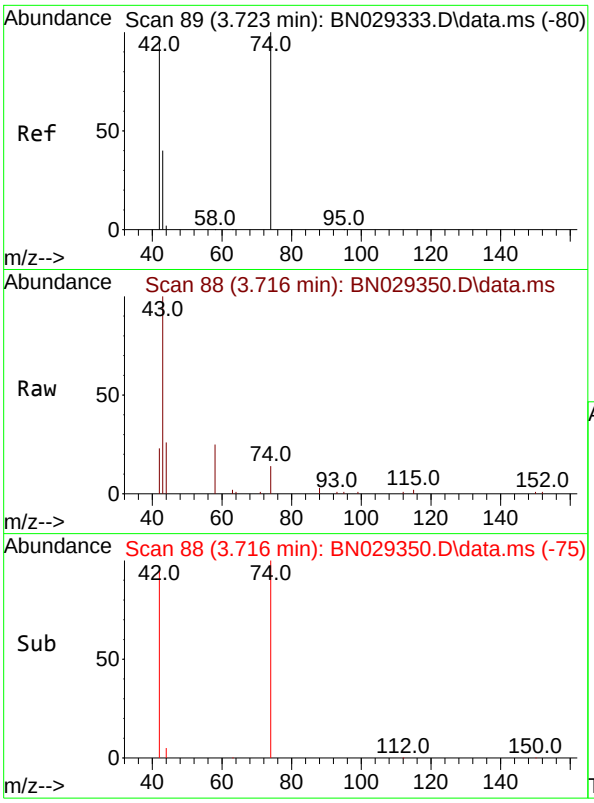


#2
1,4-Dioxane
Concen: 0.331 ng
RT: 3.384 min Scan# 42
Delta R.T. -0.007 min
Lab File: BN029350.D
Acq: 23 Jan 2024 16:47

Tgt Ion: 88 Resp: 1634

Ion	Ratio	Lower	Upper
88	100		
43	96.0	29.2	43.8#
58	83.3	57.8	86.8



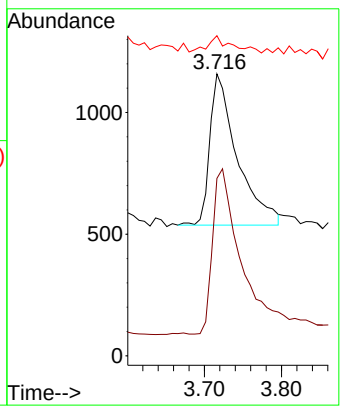


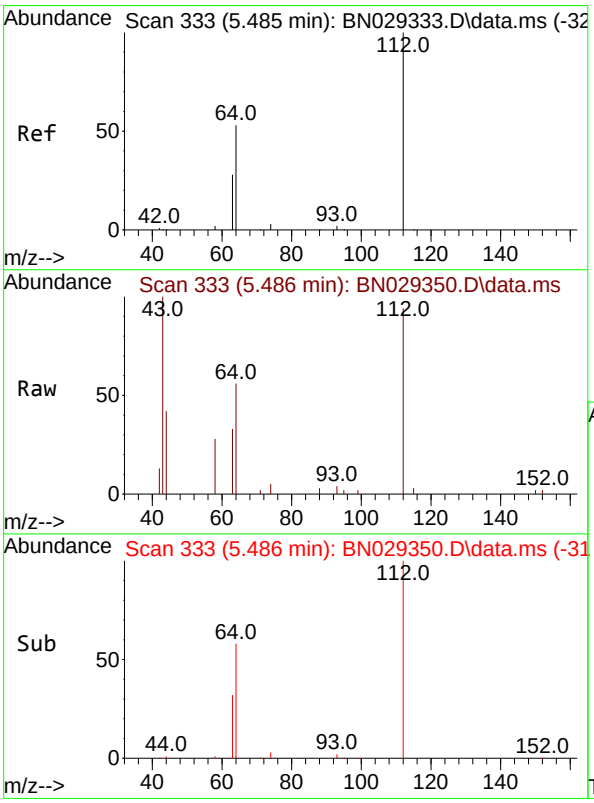
#3
n-Nitrosodimethylamine
Concen: 0.306 ng
RT: 3.716 min Scan# 8
Delta R.T. -0.007 min
Lab File: BN029350.D
Acq: 23 Jan 2024 16:47

Instrument :
BNA_N
ClientSampleId :
IDOC-04

Tgt Ion: 42 Resp: 1534

Ion	Ratio	Lower	Upper
42	100		
74	112.7	87.4	131.0
44	9.5	3.1	4.7#

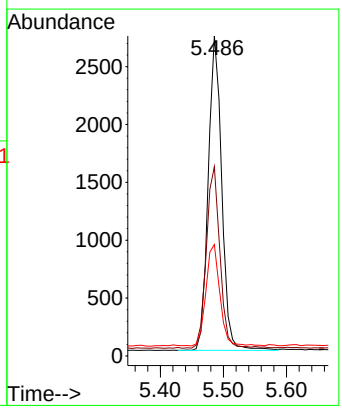


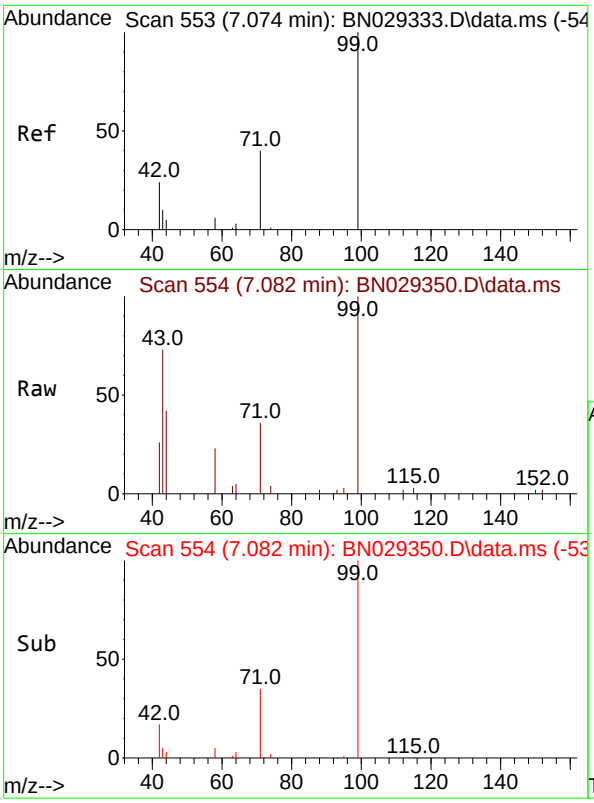


#4
2-Fluorophenol
Concen: 0.400 ng
RT: 5.486 min Scan# 333
Delta R.T. 0.000 min
Lab File: BN029350.D
Acq: 23 Jan 2024 16:47

Tgt Ion:112 Resp: 4037

Ion	Ratio	Lower	Upper
112	100		
64	57.7	47.6	71.4
63	33.1	27.0	40.6



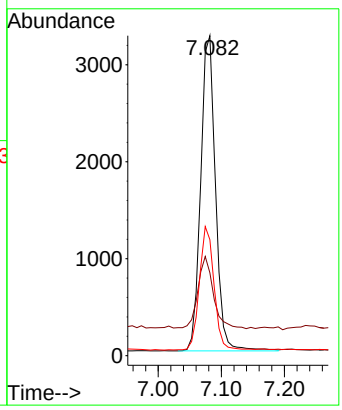


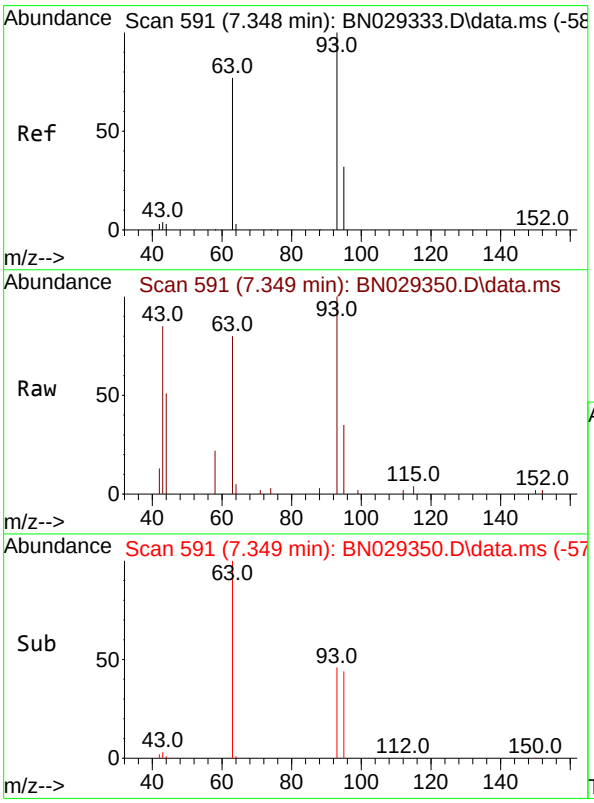
#5
Phenol-d6
Concen: 0.394 ng
RT: 7.082 min Scan# 5
Delta R.T. 0.008 min
Lab File: BN029350.D
Acq: 23 Jan 2024 16:47

Instrument :
BNA_N
ClientSampleId :
IDOC-04

Tgt Ion: 99 Resp: 5315

Ion	Ratio	Lower	Upper
99	100		
42	23.9	19.3	28.9
71	38.6	31.0	46.6

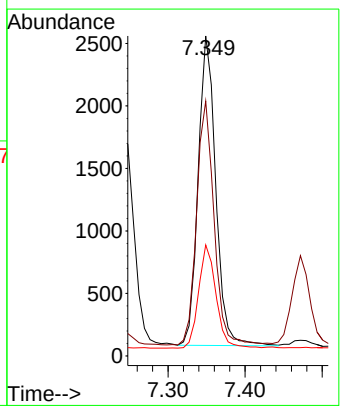


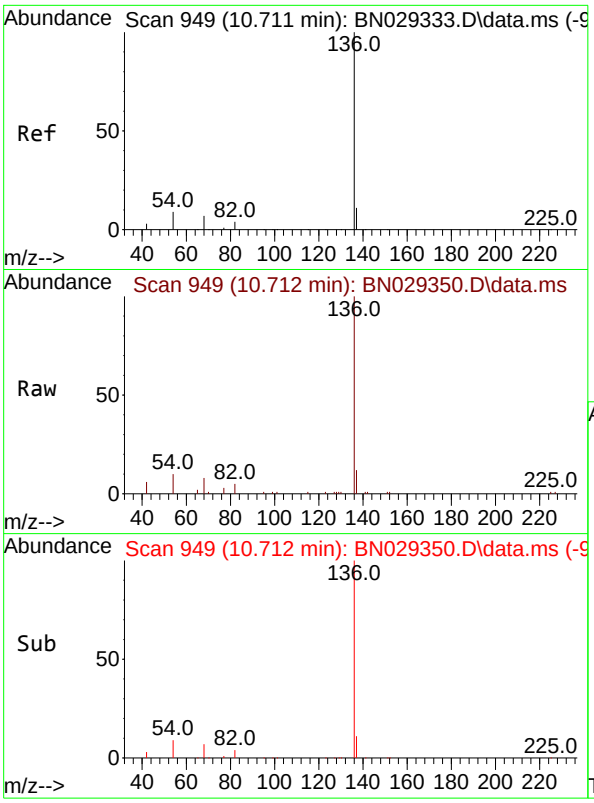


#6
bis(2-Chloroethyl)ether
Concen: 0.314 ng
RT: 7.349 min Scan# 591
Delta R.T. 0.000 min
Lab File: BN029350.D
Acq: 23 Jan 2024 16:47

Tgt Ion: 93 Resp: 3916

Ion	Ratio	Lower	Upper
93	100		
63	78.1	61.0	91.4
95	33.0	26.5	39.7



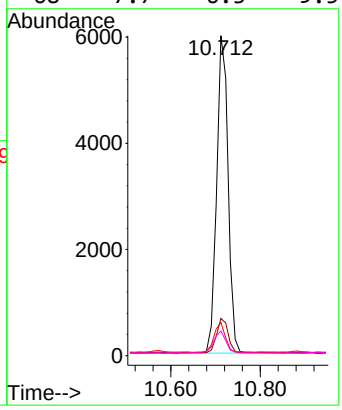


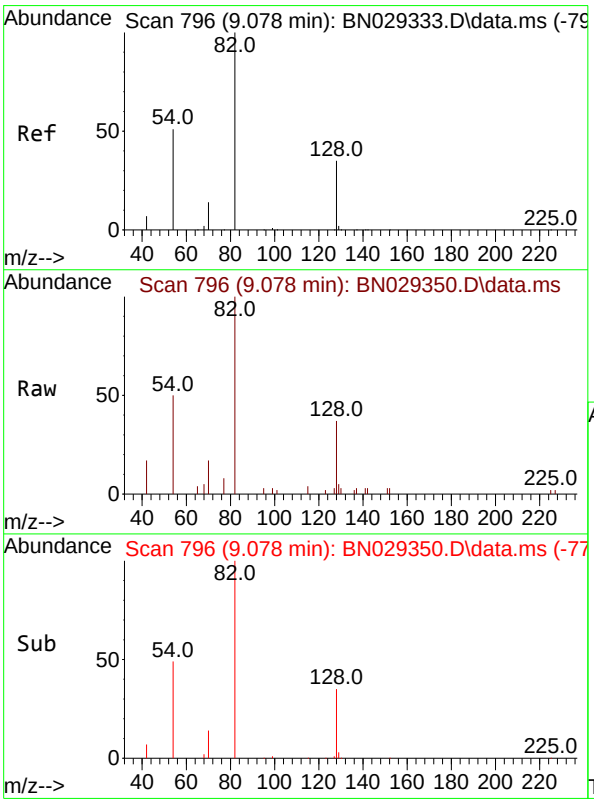
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.712 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN029350.D
Acq: 23 Jan 2024 16:47

Instrument :
BNA_N
ClientSampleId :
IDOC-04

Tgt Ion:136 Resp: 10618

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.4	14.0
54	10.3	7.9	11.9
68	7.7	6.3	9.5

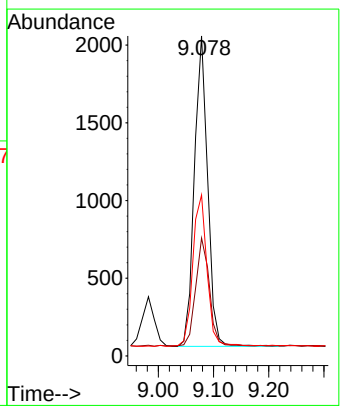


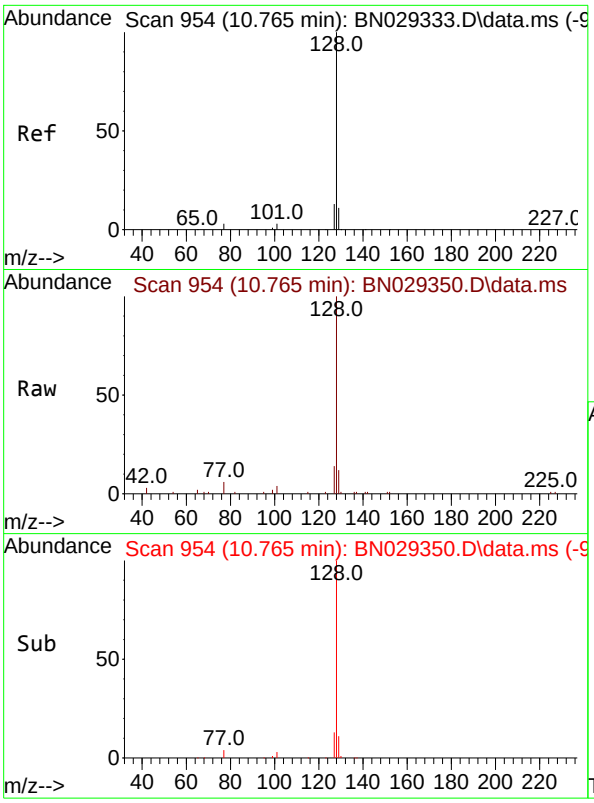


#8
Nitrobenzene-d5
Concen: 0.296 ng
RT: 9.078 min Scan# 796
Delta R.T. 0.000 min
Lab File: BN029350.D
Acq: 23 Jan 2024 16:47

Tgt Ion: 82 Resp: 3336

Ion	Ratio	Lower	Upper
82	100		
128	36.9	29.8	44.6
54	50.3	42.5	63.7



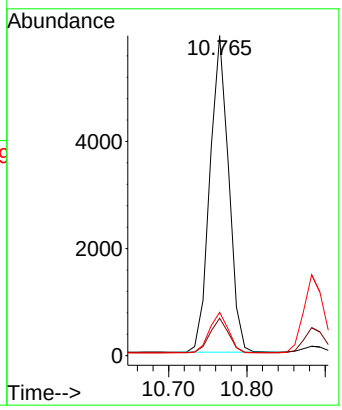


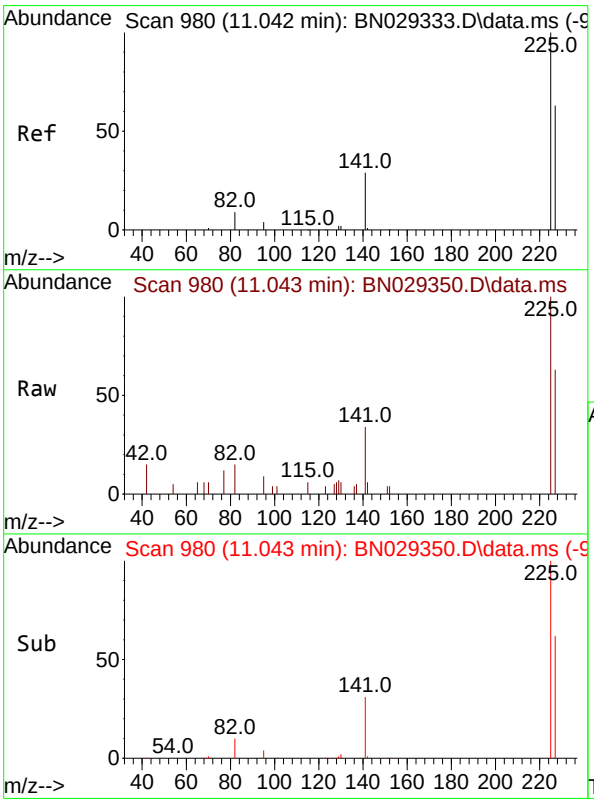
#9
Naphthalene
Concen: 0.288 ng
RT: 10.765 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN029350.D
Acq: 23 Jan 2024 16:47

Instrument :
BNA_N
ClientSampleId :
IDOC-04

Tgt Ion:128 Resp: 9836

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.6	14.4
127	13.6	11.3	16.9

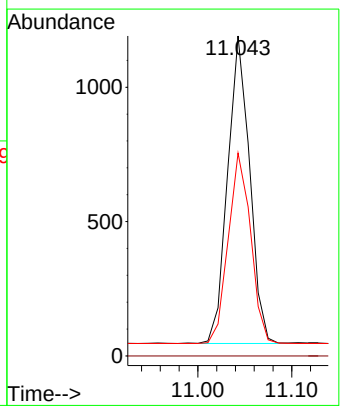


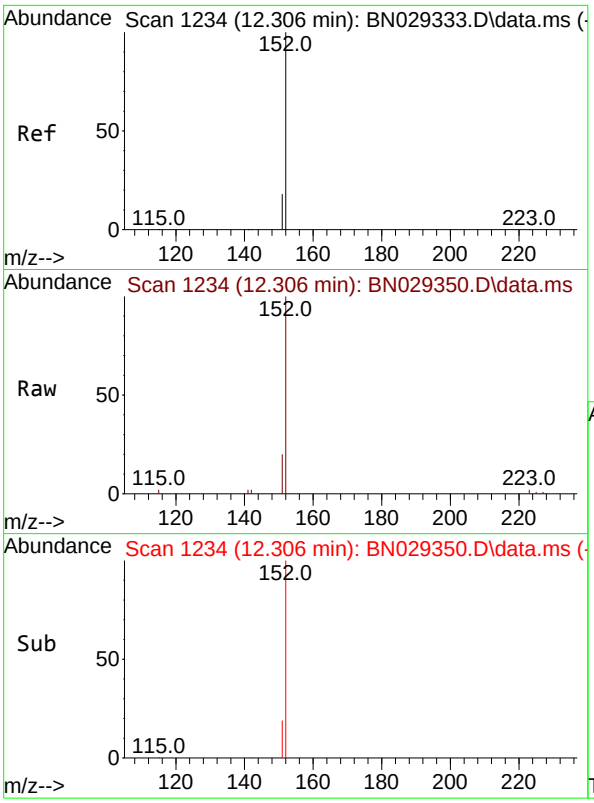


#10
Hexachlorobutadiene
Concen: 0.260 ng
RT: 11.043 min Scan# 980
Delta R.T. 0.000 min
Lab File: BN029350.D
Acq: 23 Jan 2024 16:47

Tgt Ion:225 Resp: 1865

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.1	50.6	76.0



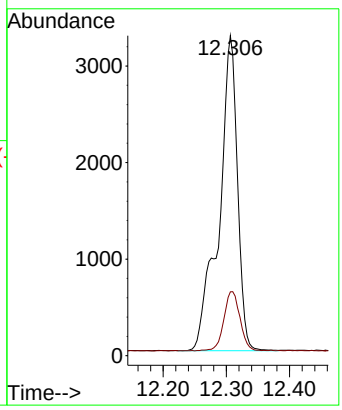


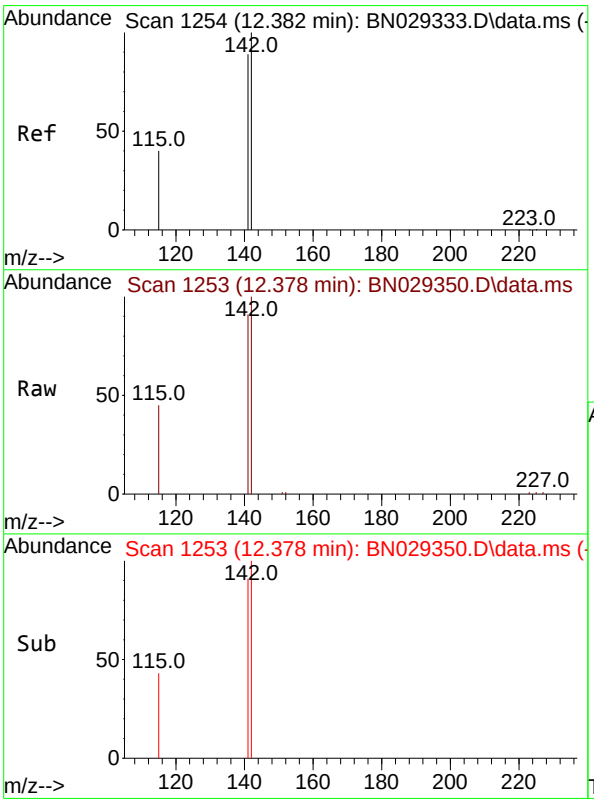
#11
2-Methylnaphthalene-d10
Concen: 0.377 ng
RT: 12.306 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029350.D
Acq: 23 Jan 2024 16:47

Instrument :
BNA_N
ClientSampleId :
IDOC-04

Tgt Ion:152 Resp: 6632

Ion	Ratio	Lower	Upper
152	100		
151	16.5	16.9	25.3#

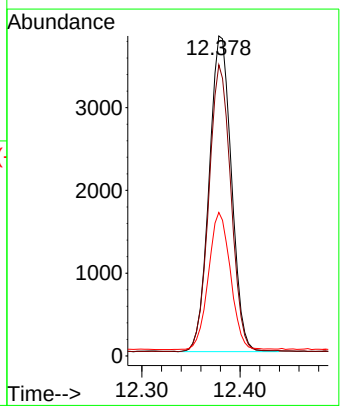


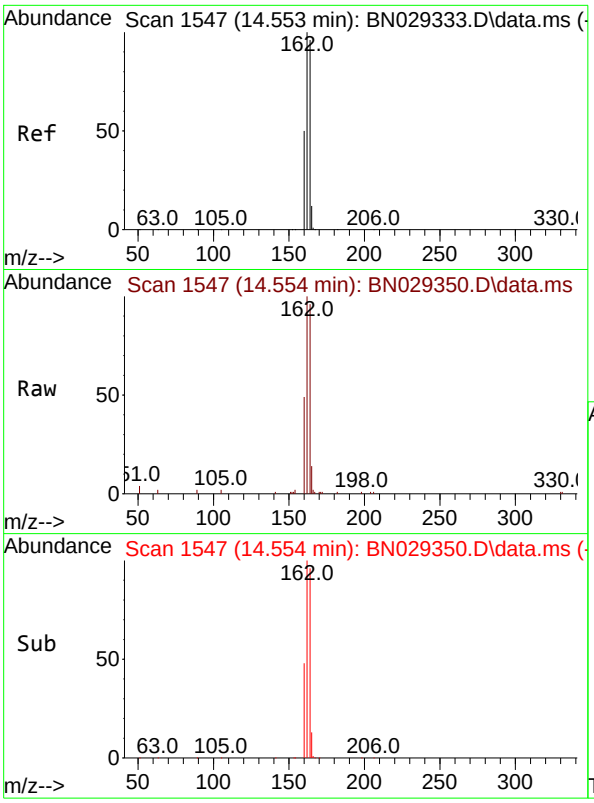


#12
2-Methylnaphthalene
Concen: 0.271 ng
RT: 12.378 min Scan# 1253
Delta R.T. -0.003 min
Lab File: BN029350.D
Acq: 23 Jan 2024 16:47

Tgt Ion:142 Resp: 6024

Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.1	106.7
115	44.9	33.4	50.0



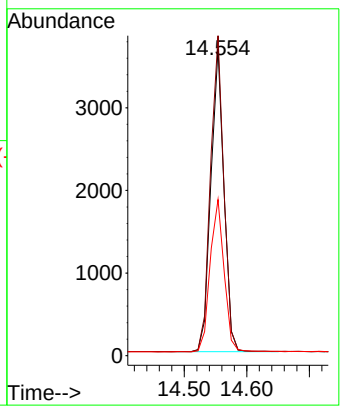


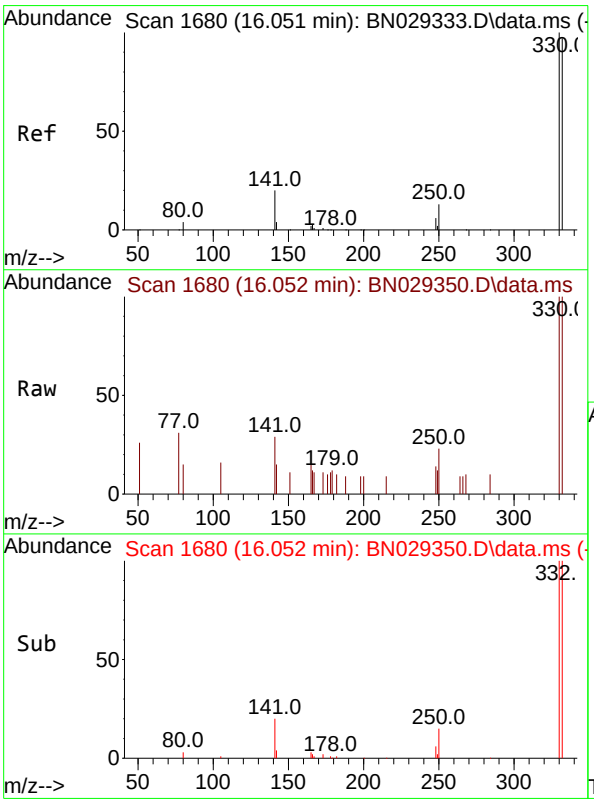
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.554 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029350.D
Acq: 23 Jan 2024 16:47

Instrument :
BNA_N
ClientSampleId :
IDOC-04

Tgt Ion:164 Resp: 5334

Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.5	125.3
160	50.9	42.1	63.1

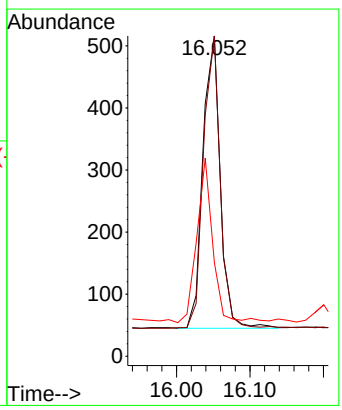


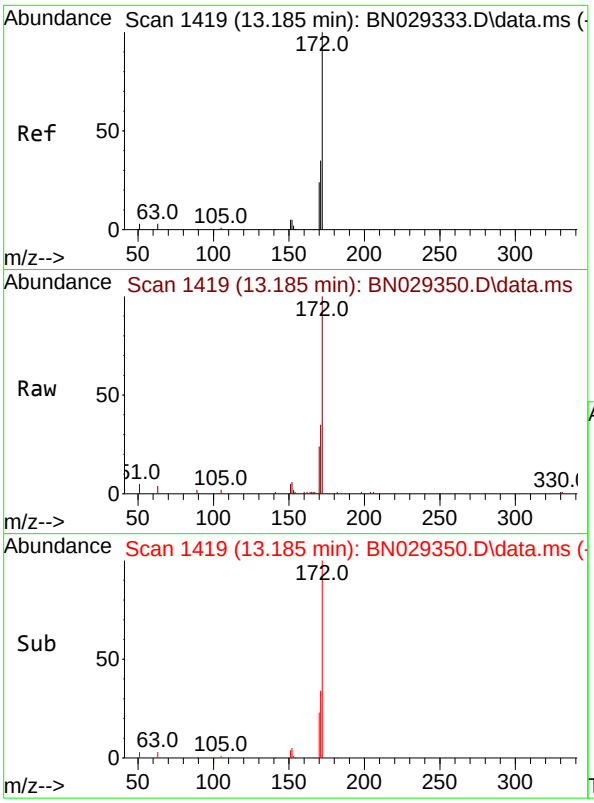


#14
2,4,6-Tribromophenol
Concen: 0.280 ng
RT: 16.052 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BN029350.D
Acq: 23 Jan 2024 16:47

Tgt Ion:330 Resp: 777

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	48.3	37.2	55.8



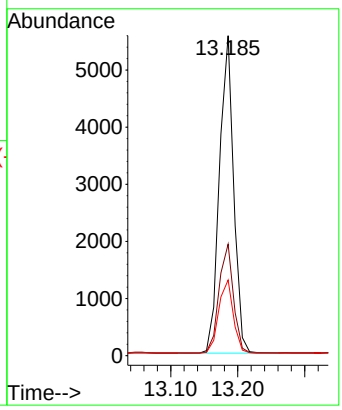


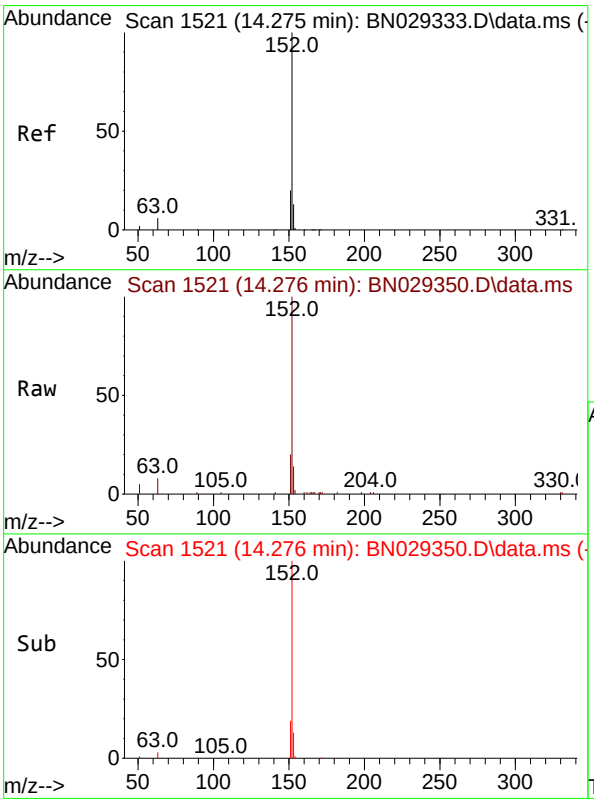
#15
2-Fluorobiphenyl
Concen: 0.319 ng
RT: 13.185 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN029350.D
Acq: 23 Jan 2024 16:47

Instrument :
BNA_N
ClientSampleId :
IDOC-04

Tgt Ion:172 Resp: 8201

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.2
170	23.7	19.3	28.9

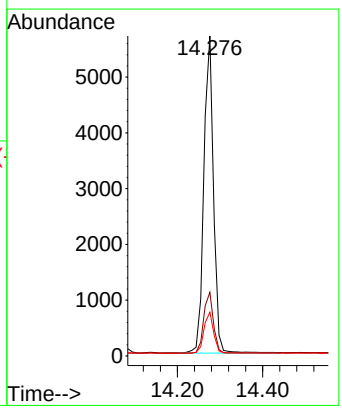


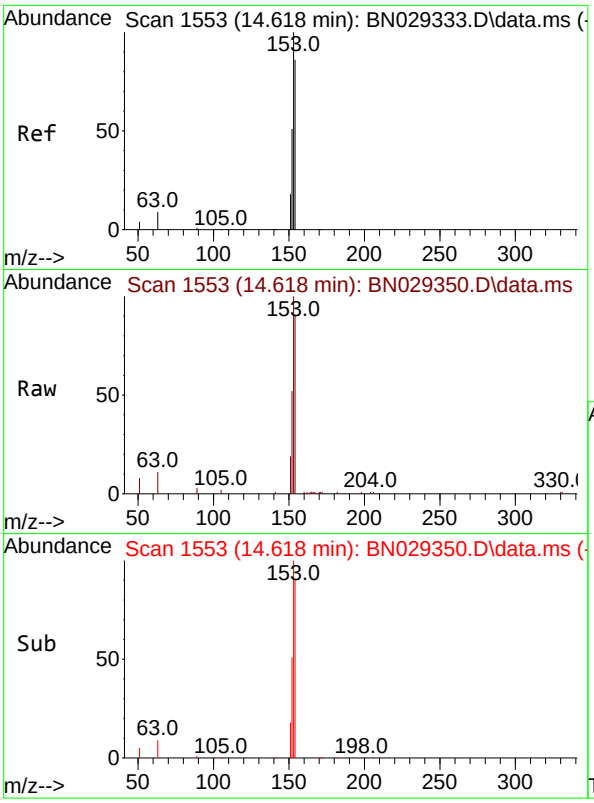


#16
Acenaphthylene
Concen: 0.315 ng
RT: 14.276 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BN029350.D
Acq: 23 Jan 2024 16:47

Tgt Ion:152 Resp: 8946

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3
153	13.0	10.2	15.4



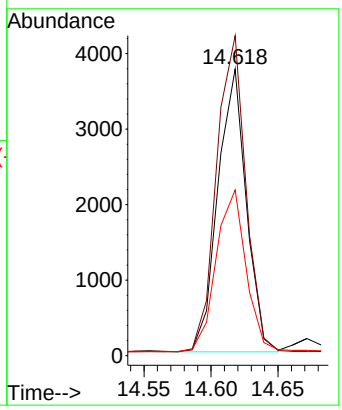


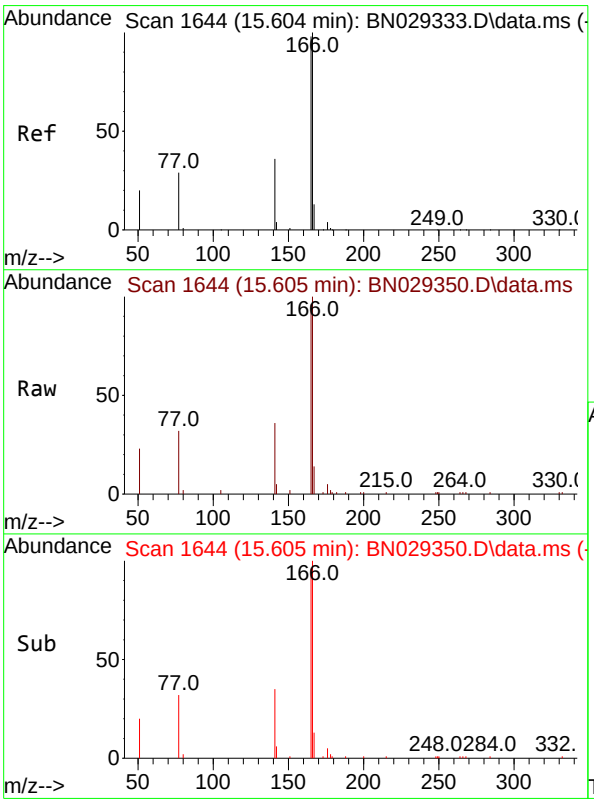
#17
Acenaphthene
Concen: 0.289 ng
RT: 14.618 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029350.D
Acq: 23 Jan 2024 16:47

Instrument :
BNA_N
ClientSampleId :
IDOC-04

Tgt Ion:154 Resp: 5524

Ion	Ratio	Lower	Upper
154	100		
153	115.5	93.7	140.5
152	60.4	49.4	74.2

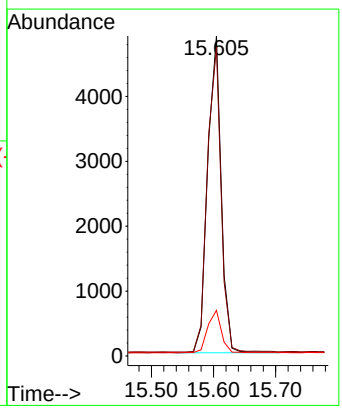


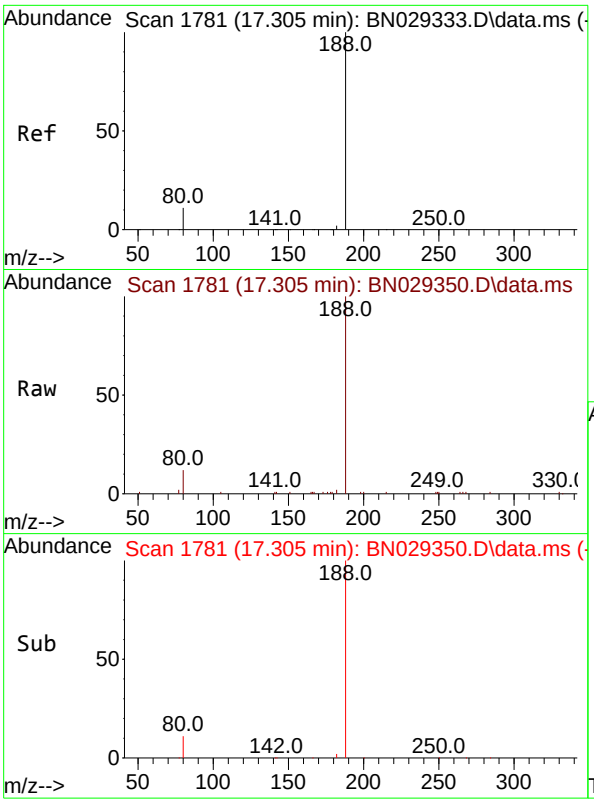


#18
Fluorene
Concen: 0.285 ng
RT: 15.605 min Scan# 1644
Delta R.T. 0.000 min
Lab File: BN029350.D
Acq: 23 Jan 2024 16:47

Tgt Ion:166 Resp: 7393

Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.4	119.2
167	13.6	10.9	16.3



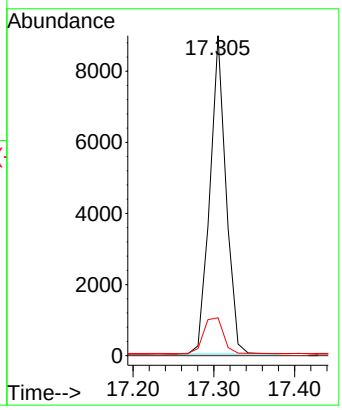


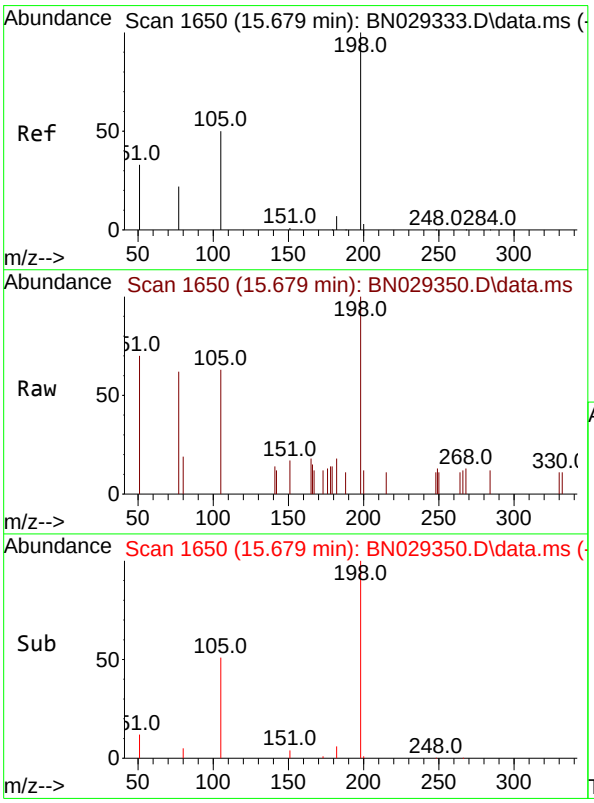
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029350.D
Acq: 23 Jan 2024 16:47

Instrument :
BNA_N
ClientSampleId :
IDOC-04

Tgt Ion:188 Resp: 12410

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.8	9.4	14.2

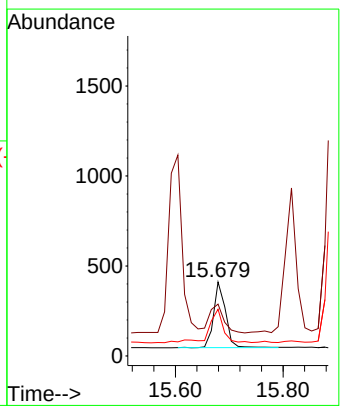


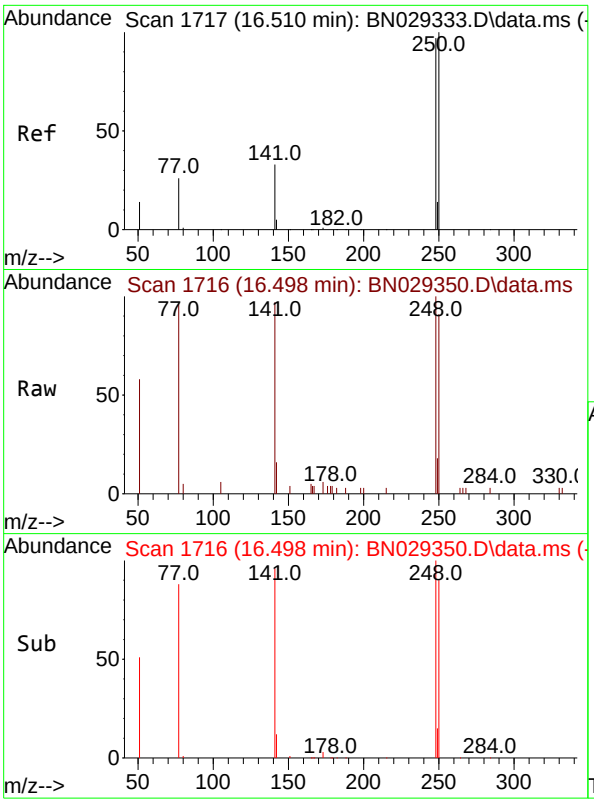


#20
4,6-Dinitro-2-methylphenol
Concen: 0.242 ng
RT: 15.679 min Scan# 1650
Delta R.T. 0.000 min
Lab File: BN029350.D
Acq: 23 Jan 2024 16:47

Tgt Ion:198 Resp: 553

Ion	Ratio	Lower	Upper
198	100		
51	70.1	60.5	90.7
105	63.3	48.7	73.1



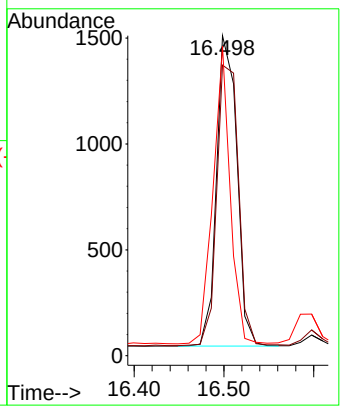


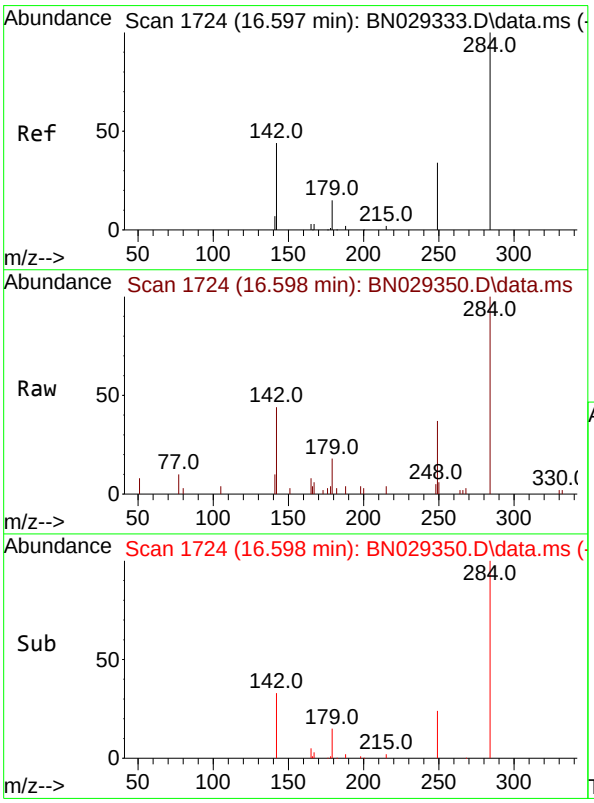
#21
4-Bromophenyl-phenylether
Concen: 0.255 ng
RT: 16.498 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN029350.D
Acq: 23 Jan 2024 16:47

Instrument :
BNA_N
ClientSampleId :
IDOC-04

Tgt Ion:248 Resp: 2310

Ion	Ratio	Lower	Upper
248	100		
250	90.8	82.6	123.8
141	96.7	28.7	43.1#

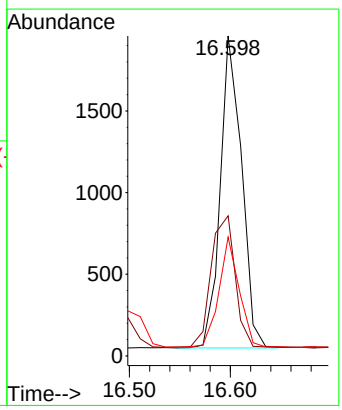


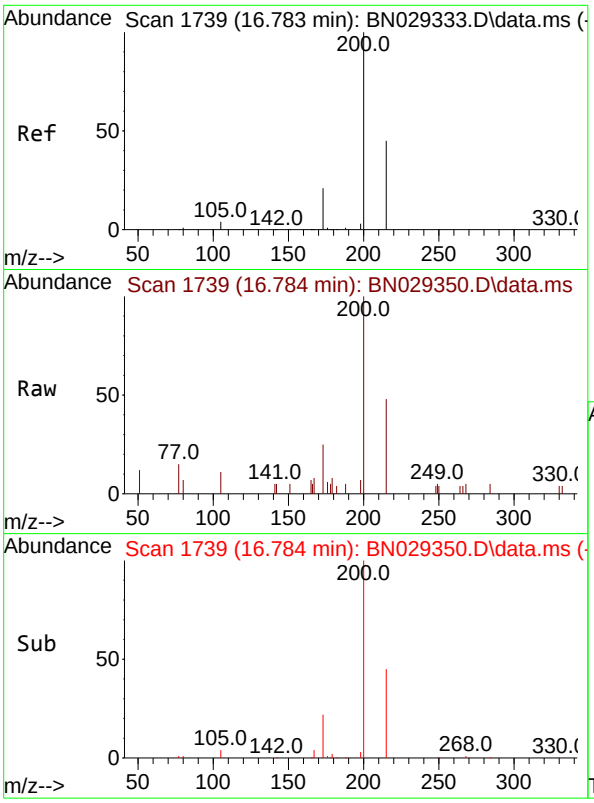


#22
Hexachlorobenzene
Concen: 0.251 ng
RT: 16.598 min Scan# 1724
Delta R.T. 0.000 min
Lab File: BN029350.D
Acq: 23 Jan 2024 16:47

Tgt Ion:284 Resp: 2804

Ion	Ratio	Lower	Upper
284	100		
142	47.3	33.8	50.6
249	33.2	25.5	38.3



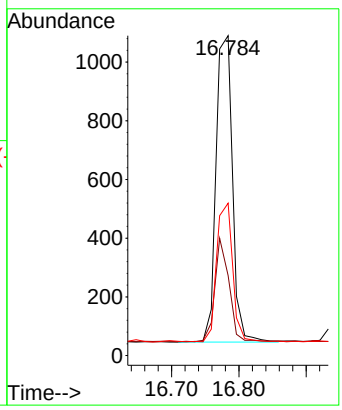


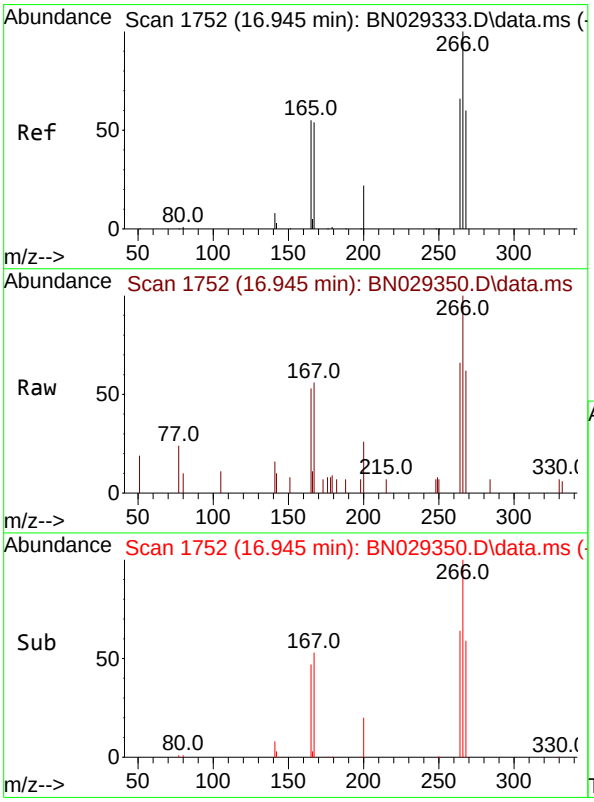
#23
Atrazine
Concen: 0.266 ng
RT: 16.784 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029350.D
Acq: 23 Jan 2024 16:47

Instrument :
BNA_N
ClientSampleId :
IDOC-04

Tgt Ion:200 Resp: 1765

Ion	Ratio	Lower	Upper
200	100		
173	25.0	18.6	28.0
215	47.6	37.1	55.7

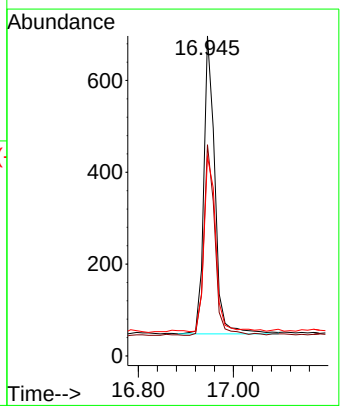


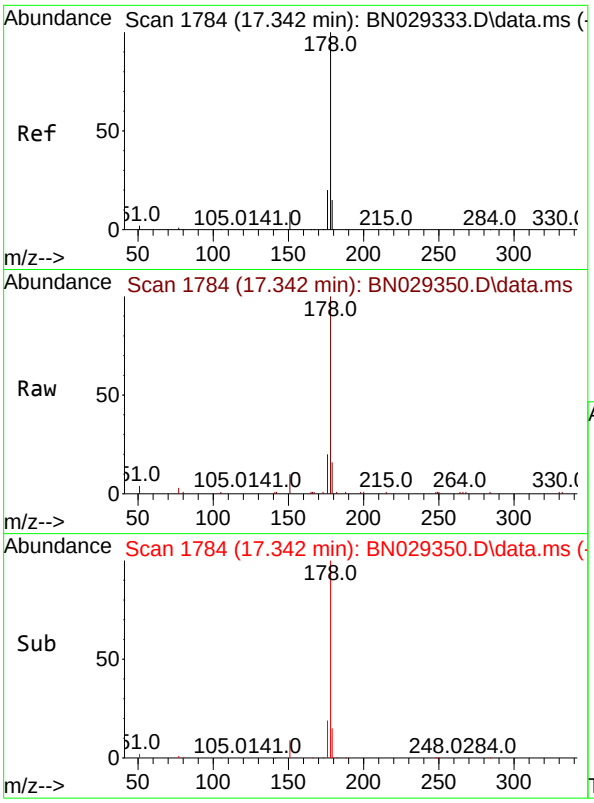


#24
Pentachlorophenol
Concen: 0.283 ng
RT: 16.945 min Scan# 1752
Delta R.T. 0.000 min
Lab File: BN029350.D
Acq: 23 Jan 2024 16:47

Tgt Ion:266 Resp: 1057

Ion	Ratio	Lower	Upper
266	100		
264	63.3	49.8	74.8
268	62.2	48.8	73.2



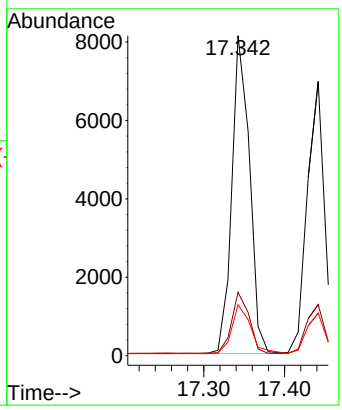


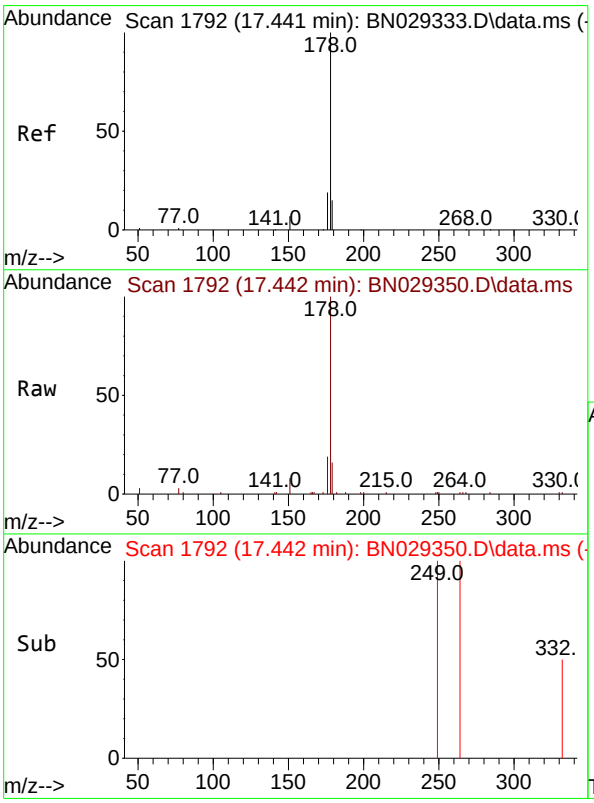
#25
Phenanthrene
Concen: 0.288 ng
RT: 17.342 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029350.D
Acq: 23 Jan 2024 16:47

Instrument :
BNA_N
ClientSampleId :
IDOC-04

Tgt Ion:178 Resp: 12266

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	16.3	12.4	18.6

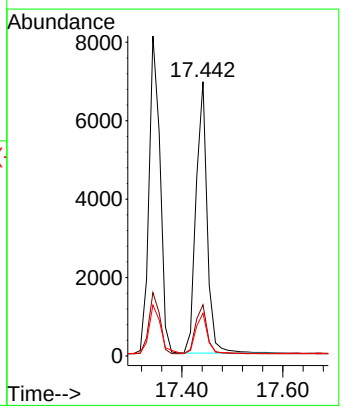


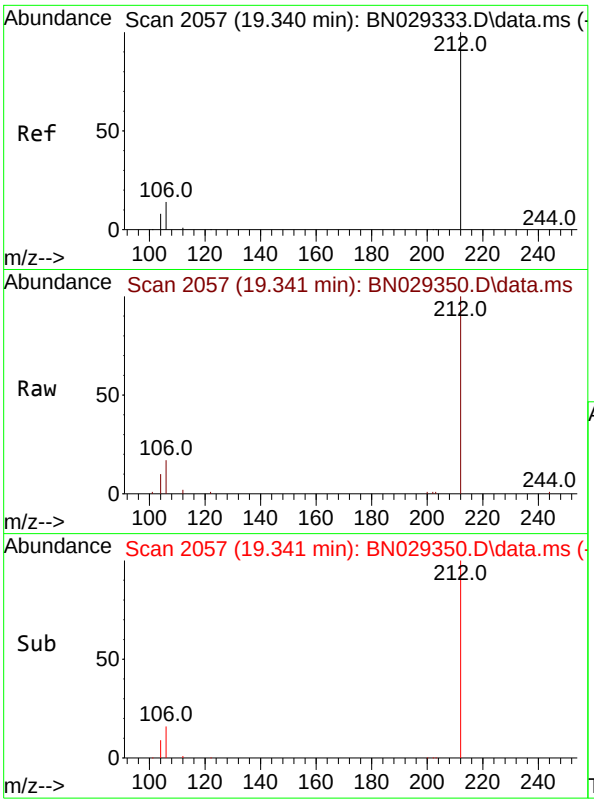


#26
Anthracene
Concen: 0.283 ng
RT: 17.442 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BN029350.D
Acq: 23 Jan 2024 16:47

Tgt Ion:178 Resp: 10669

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.3	22.9
179	15.5	12.1	18.1



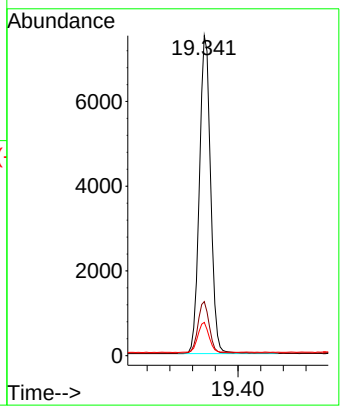


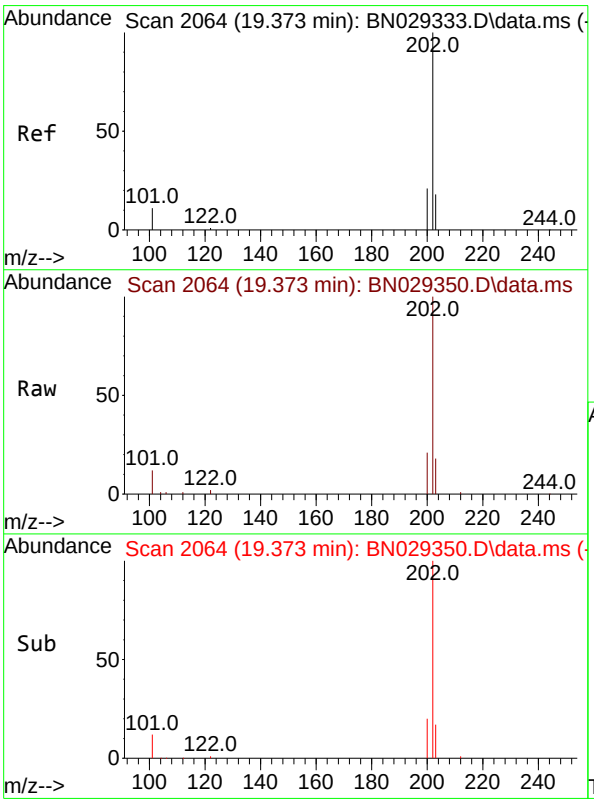
#27
Fluoranthene-d10
Concen: 0.280 ng
RT: 19.341 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN029350.D
Acq: 23 Jan 2024 16:47

Instrument :
BNA_N
ClientSampleId :
IDOC-04

Tgt Ion:212 Resp: 10287

Ion	Ratio	Lower	Upper
212	100		
106	16.2	11.4	17.0
104	9.6	6.8	10.2

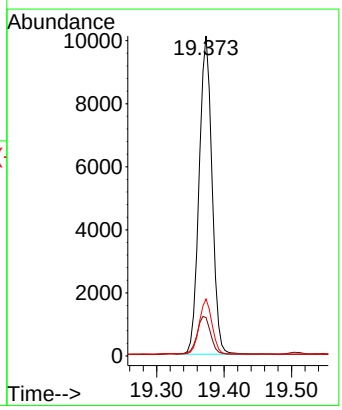


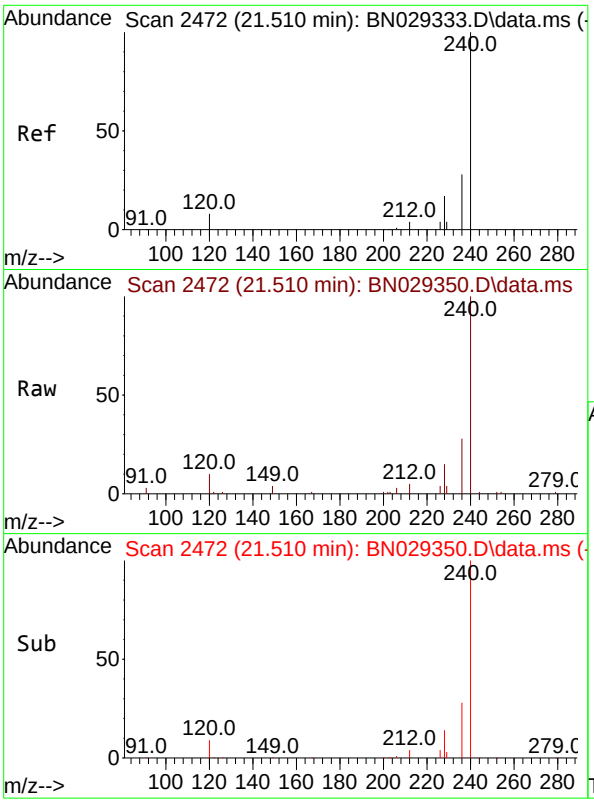


#28
Fluoranthene
Concen: 0.262 ng
RT: 19.373 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BN029350.D
Acq: 23 Jan 2024 16:47

Tgt Ion:202 Resp: 13379

Ion	Ratio	Lower	Upper
202	100		
101	12.8	9.0	13.4
203	17.2	13.8	20.8



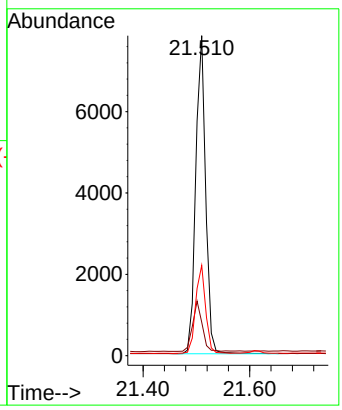


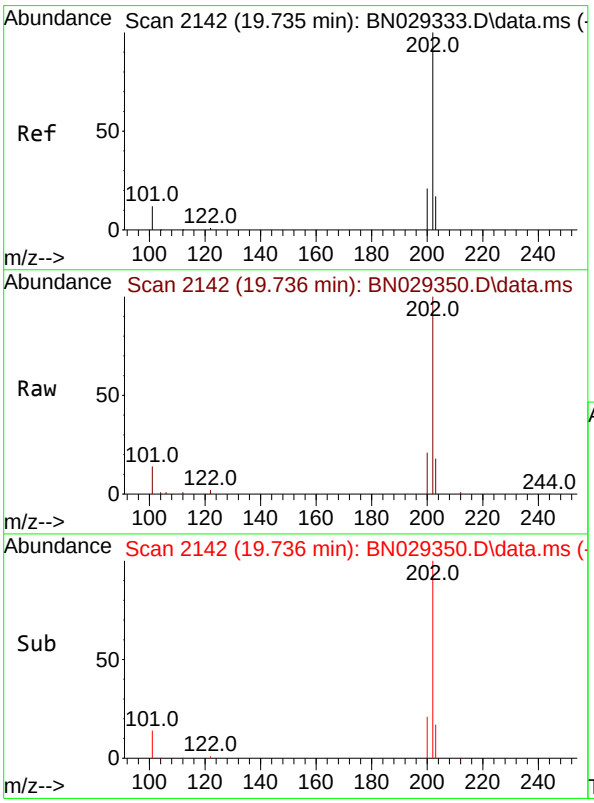
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.510 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN029350.D
Acq: 23 Jan 2024 16:47

Instrument :
BNA_N
ClientSampleId :
IDOC-04

Tgt Ion:240 Resp: 10119

Ion	Ratio	Lower	Upper
240	100		
120	10.5	7.8	11.6
236	28.2	23.0	34.4

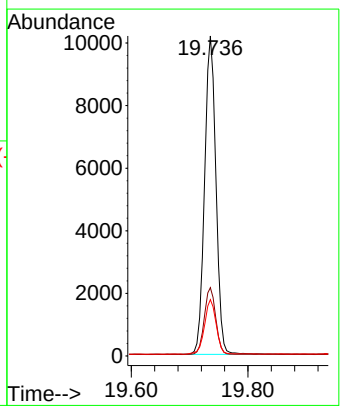


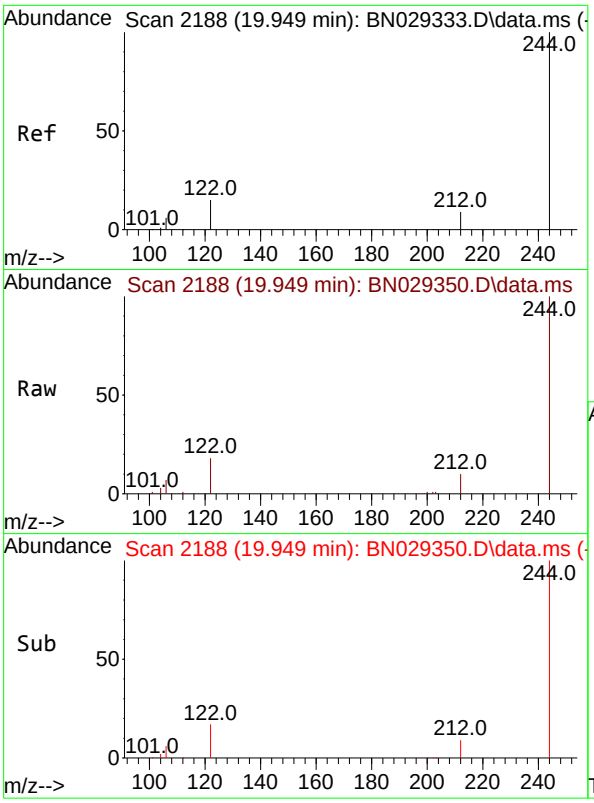


#30
Pyrene
Concen: 0.300 ng
RT: 19.736 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BN029350.D
Acq: 23 Jan 2024 16:47

Tgt Ion:202 Resp: 13830

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	25.0
203	17.6	14.1	21.1



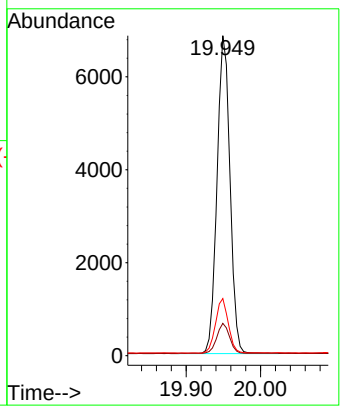


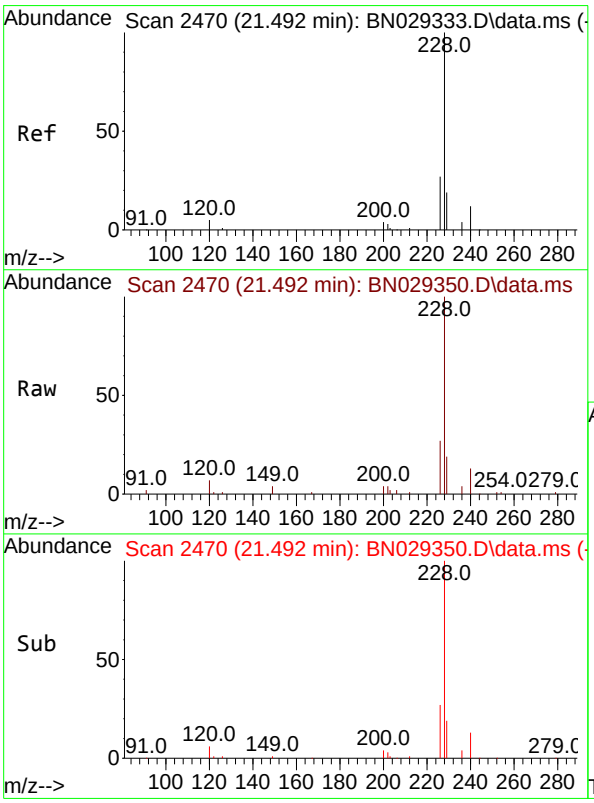
#31
Terphenyl-d14
Concen: 0.317 ng
RT: 19.949 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN029350.D
Acq: 23 Jan 2024 16:47

Instrument :
BNA_N
ClientSampleId :
IDOC-04

Tgt Ion:244 Resp: 8228

Ion	Ratio	Lower	Upper
244	100		
212	10.1	7.6	11.4
122	17.9	12.8	19.2

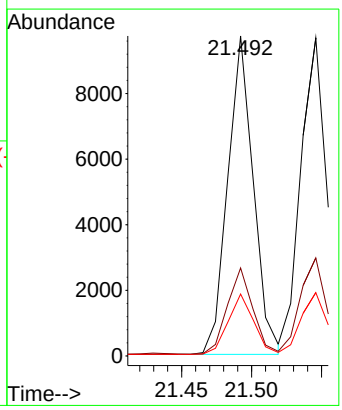


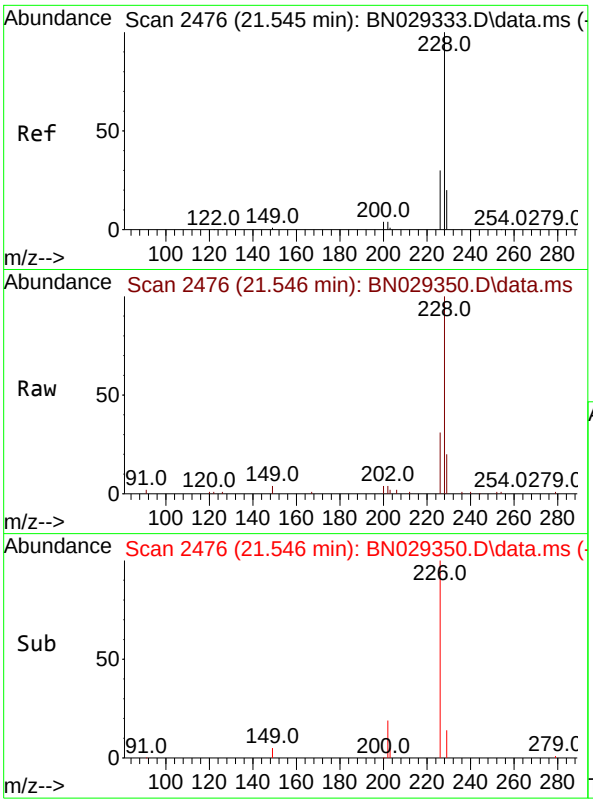


#32
Benzo(a)anthracene
Concen: 0.294 ng
RT: 21.492 min Scan# 2470
Delta R.T. 0.000 min
Lab File: BN029350.D
Acq: 23 Jan 2024 16:47

Tgt Ion:228 Resp: 12390

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.0	33.0
229	19.3	15.6	23.4



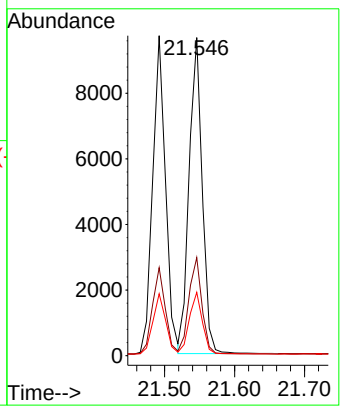


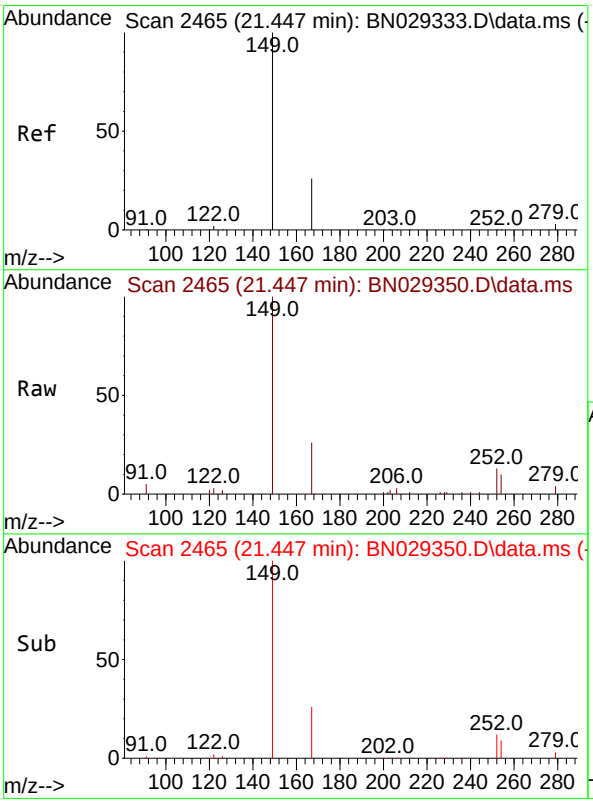
#33
Chrysene
Concen: 0.289 ng
RT: 21.546 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN029350.D
Acq: 23 Jan 2024 16:47

Instrument :
BNA_N
ClientSampleId :
IDOC-04

Tgt Ion:228 Resp: 12550

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.6	36.8
229	19.9	16.1	24.1

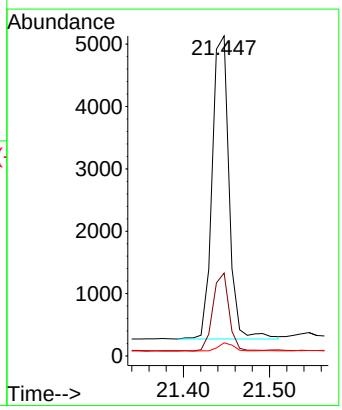


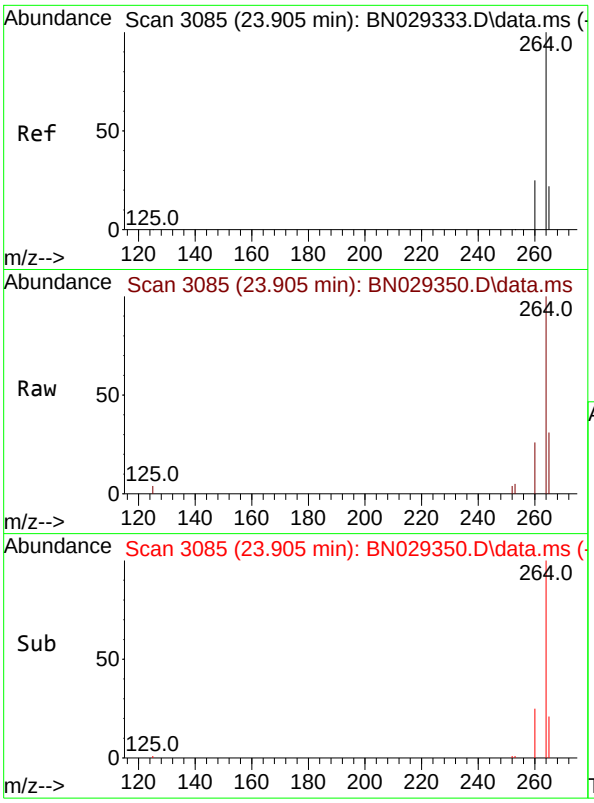


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.285 ng
RT: 21.447 min Scan# 2465
Delta R.T. 0.000 min
Lab File: BN029350.D
Acq: 23 Jan 2024 16:47

Tgt Ion:149 Resp: 6617

Ion	Ratio	Lower	Upper
149	100		
167	24.6	19.9	29.9
279	2.7	2.2	3.4



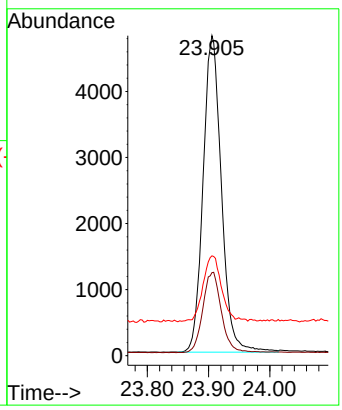


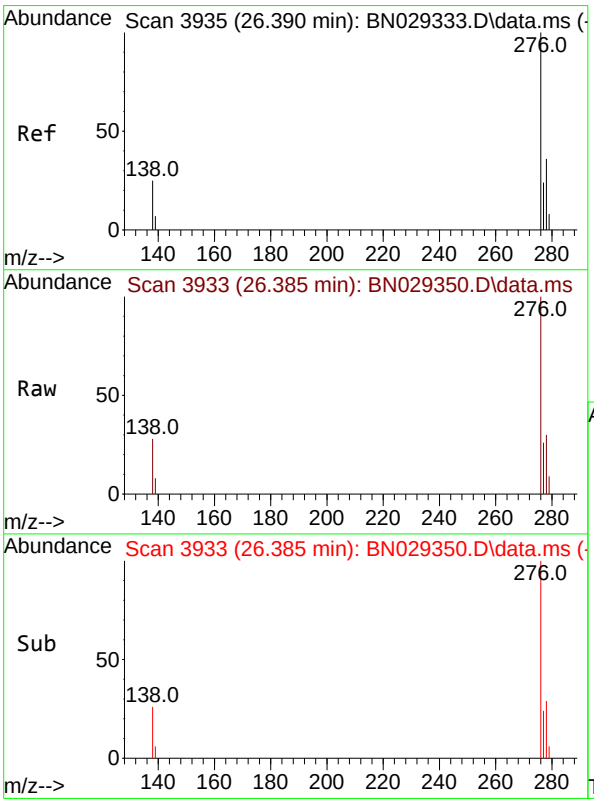
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.905 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN029350.D
Acq: 23 Jan 2024 16:47

Instrument :
BNA_N
ClientSampleId :
IDOC-04

Tgt Ion:264 Resp: 9961

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.6	31.0
265	31.2	24.8	37.2

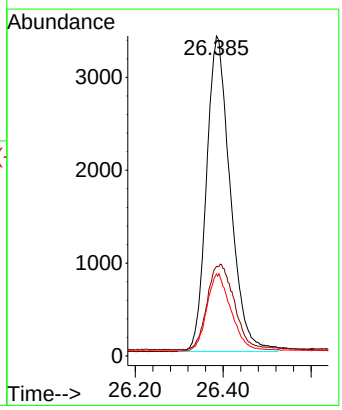


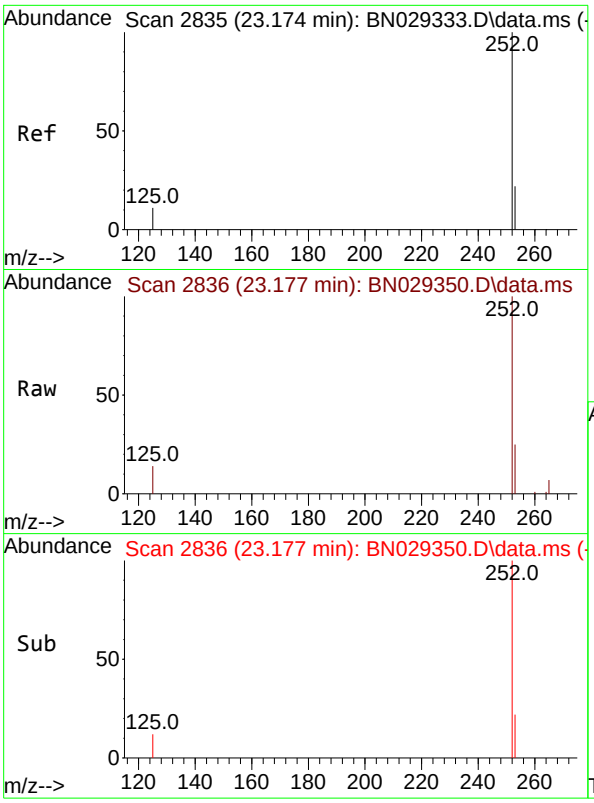


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.299 ng
RT: 26.385 min Scan# 3933
Delta R.T. -0.005 min
Lab File: BN029350.D
Acq: 23 Jan 2024 16:47

Tgt Ion:276 Resp: 12711

Ion	Ratio	Lower	Upper
276	100		
138	30.8	21.9	32.9
277	25.1	19.9	29.9



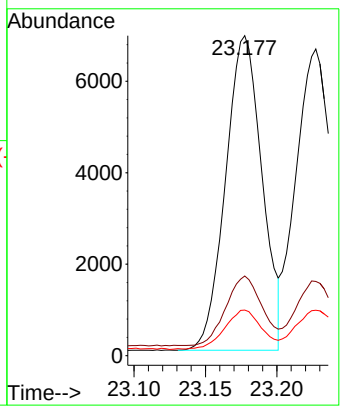


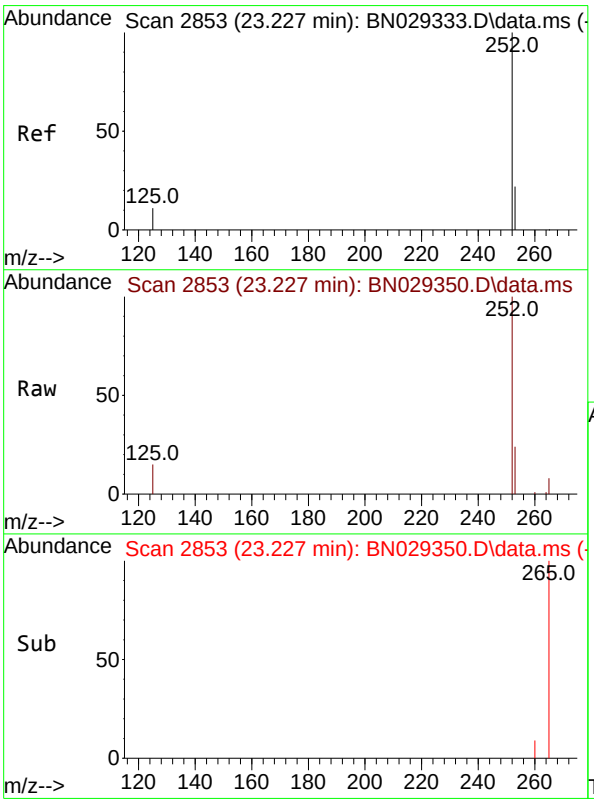
#37
Benzo(b)fluoranthene
Concen: 0.288 ng
RT: 23.177 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN029350.D
Acq: 23 Jan 2024 16:47

Instrument :
BNA_N
ClientSampleId :
IDOC-04

Tgt Ion:252 Resp: 12204

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.7	28.1
125	14.2	9.7	14.5

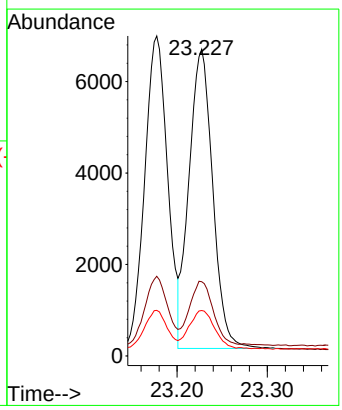


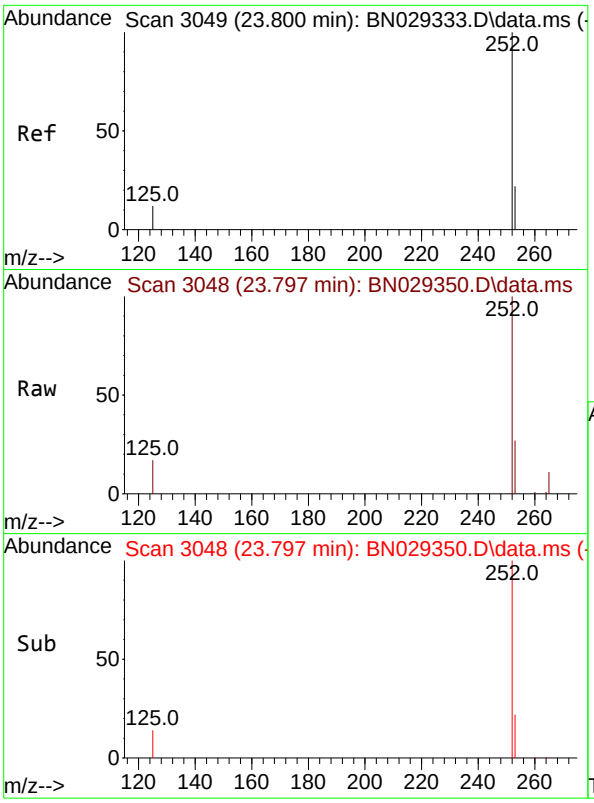


#38
Benzo(k)fluoranthene
Concen: 0.287 ng
RT: 23.227 min Scan# 2853
Delta R.T. 0.000 min
Lab File: BN029350.D
Acq: 23 Jan 2024 16:47

Tgt Ion:252 Resp: 11962

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.8	28.2
125	14.8	9.7	14.5#



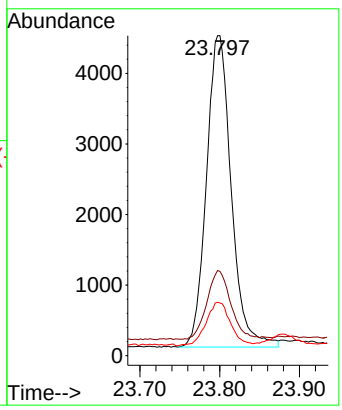


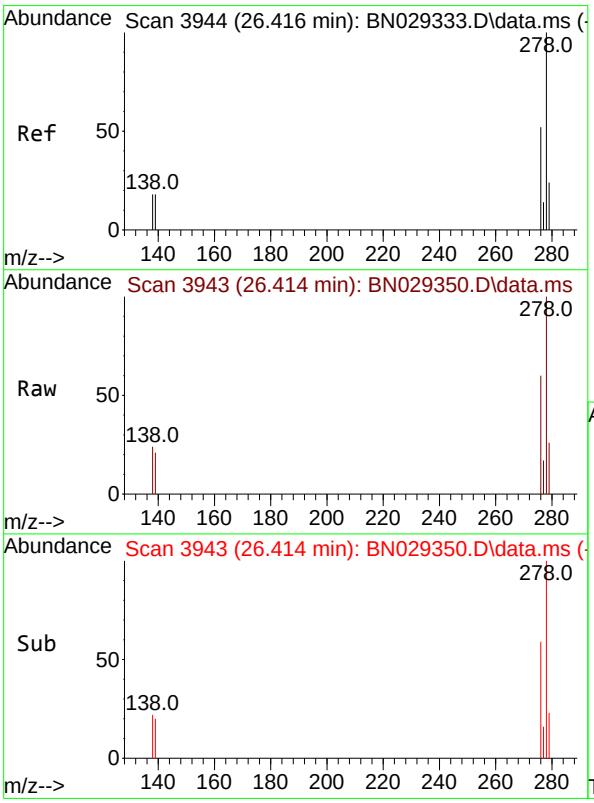
#39
Benzo(a)pyrene
Concen: 0.286 ng
RT: 23.797 min Scan# 3
Delta R.T. -0.002 min
Lab File: BN029350.D
Acq: 23 Jan 2024 16:47

Instrument :
BNA_N
ClientSampleId :
IDOC-04

Tgt Ion:252 Resp: 9533

Ion	Ratio	Lower	Upper
252	100		
253	26.6	19.6	29.4
125	16.7	11.6	17.4

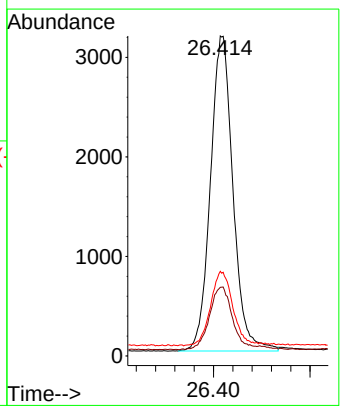


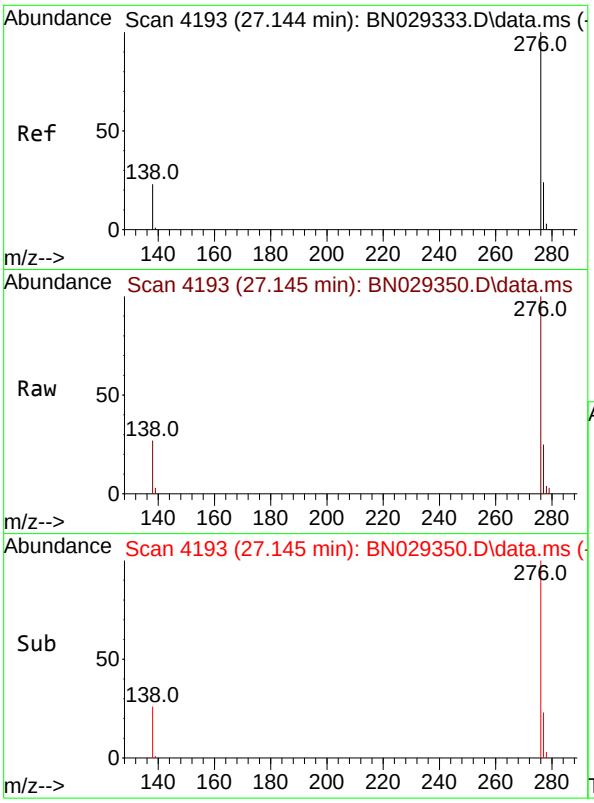


#40
Dibenzo(a,h)anthracene
Concen: 0.299 ng
RT: 26.414 min Scan# 3943
Delta R.T. -0.002 min
Lab File: BN029350.D
Acq: 23 Jan 2024 16:47

Tgt Ion:278 Resp: 10284

Ion	Ratio	Lower	Upper
278	100		
139	21.5	15.7	23.5
279	26.5	20.5	30.7





#41
Benzo(g,h,i)perylene
Concen: 0.294 ng
RT: 27.145 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN029350.D
Acq: 23 Jan 2024 16:47

Instrument :
BNA_N
ClientSampleId :
IDOC-04

Tgt Ion:276 Resp: 10854

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.8	29.8
138	27.4	19.5	29.3