Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101424\
Data File : BN034567.D
Acq On : 14 Oct 2024 12:35
Operator : RC/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Oct 14 17:36:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 14 16:58:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.358	152	3306	0.400	ng		0.00
7) Naphthalene-d8	10.127	136	8950	0.400	ng		0.01
13) Acenaphthene-d10	14.019	164	5301	0.400	ng		0.00
19) Phenanthrene-d10	16.783	188	10386	0.400	ng	#	0.00
29) Chrysene-d12	21.008	240	6151	0.400	ng		0.00
35) Perylene-d12	23.107	264	9782	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.004	112	932	0.104	ng		0.00
5) Phenol-d6	6.571	99	685	0.074	ng		0.00
8) Nitrobenzene-d5	8.536	82	490	0.084	ng		0.02
11) 2-Methylnaphthalene-d10	11.750	152	1238	0.092	ng		0.03
14) 2,4,6-Tribromophenol	15.542	330	171	0.073	ng		0.01
15) 2-Fluorobiphenyl	12.651	172	1898	0.104	ng		0.01
27) Fluoranthene-d10	18.829	212	2619	0.104	ng		0.00
31) Terphenyl-d14	19.456	244	1692	0.238	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.025	88	552	0.138	ng	#	80
3) n-Nitrosodimethylamine	3.328	42	363	0.100	ng	#	94
6) bis(2-Chloroethyl)ether	6.809	93	646	0.085	ng		98
9) Naphthalene	10.180	128	2333	0.100	ng	#	83
10) Hexachlorobutadiene	10.458	225	550	0.108	ng	#	100
12) 2-Methylnaphthalene	11.829	142	1370	0.091	ng	#	91
16) Acenaphthylene	13.741	152	1892	0.088	ng		99
17) Acenaphthene	14.083	154	1452	0.095	ng		98
18) Fluorene	15.088	166	1770	0.091	ng		98
20) 4,6-Dinitro-2-methylph...	16.287	198	12	0.084	ng	#	56
21) 4-Bromophenyl-phenylether	15.989	248	485	0.086	ng	#	80
22) Hexachlorobenzene	16.088	284	763	0.100	ng		99
23) Atrazine	16.287	200	401	0.089	ng	#	74
24) Pentachlorophenol	16.498	266	173	0.079	ng		87
25) Phenanthrene	16.821	178	2496	0.091	ng		97
26) Anthracene	16.920	178	2105	0.089	ng		98
28) Fluoranthene	18.862	202	3178	0.102	ng		99
30) Pyrene	19.224	202	3367	0.056	ng		100
33) Chrysene	21.044	228	4397	0.080	ng		96
36) Indeno(1,2,3-cd)pyrene	25.171	276	3558	0.094	ng		92
37) Benzo(b)fluoranthene	22.493	252	2809	0.086	ng	#	64
38) Benzo(k)fluoranthene	22.531	252	3319	0.089	ng	#	59
39) Benzo(a)pyrene	23.022	252	2629	0.093	ng	#	50
40) Dibenzo(a,h)anthracene	25.186	278	2603	0.090	ng	#	67
41) Benzo(g,h,i)perylene	25.791	276	3337	0.096	ng	#	88

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

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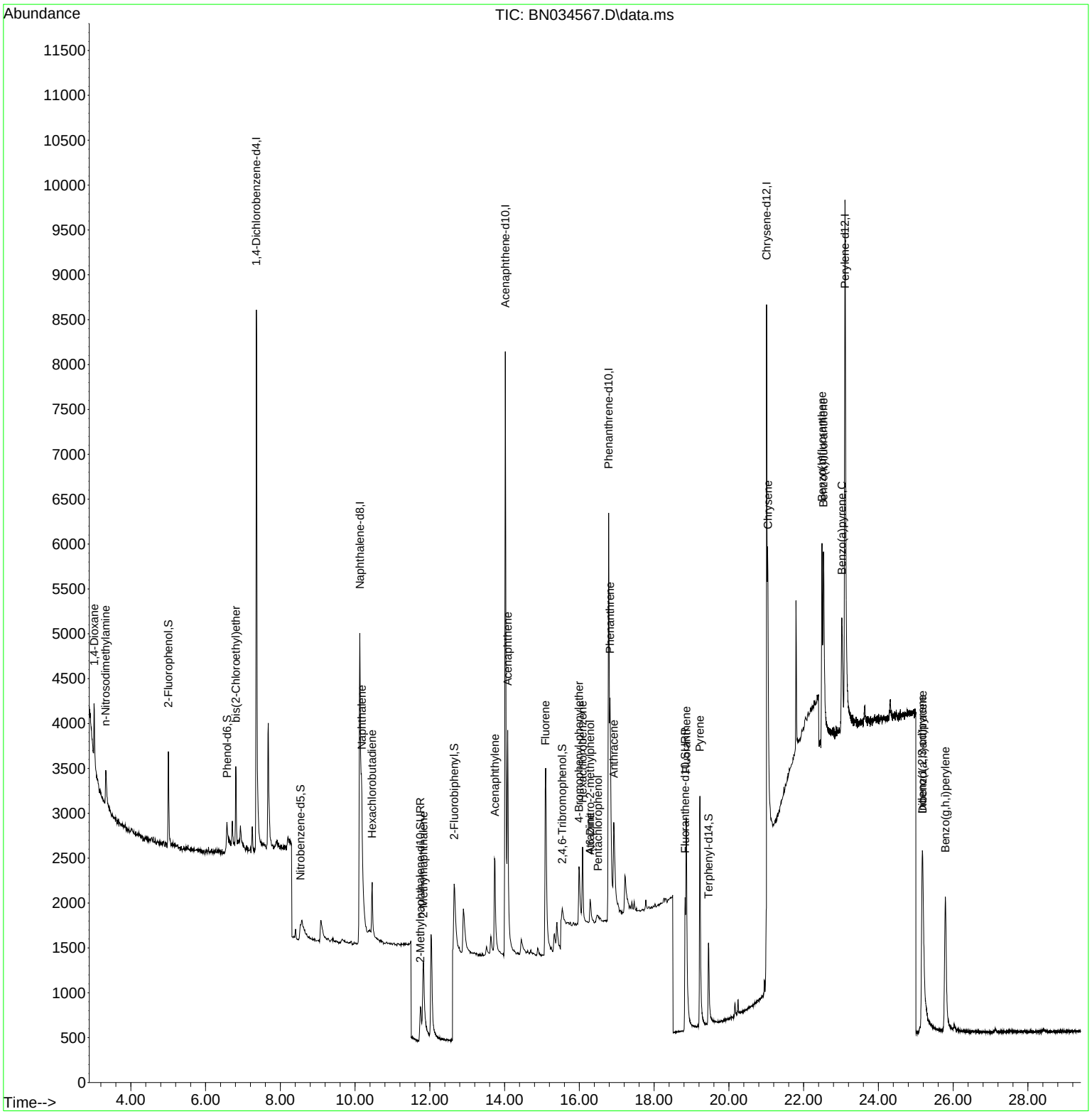
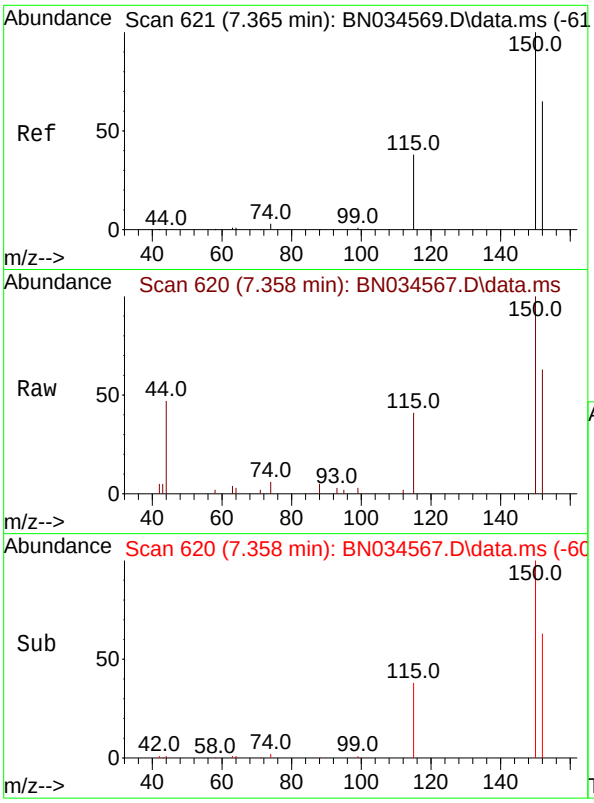
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Oct 14 17:36:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 14 16:58:38 2024
Response via : Initial Calibration



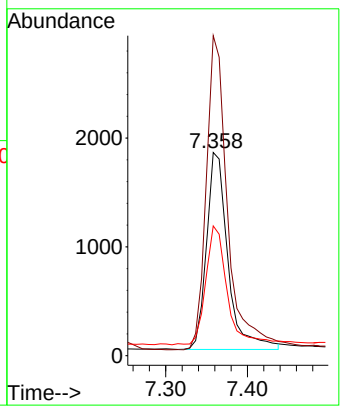


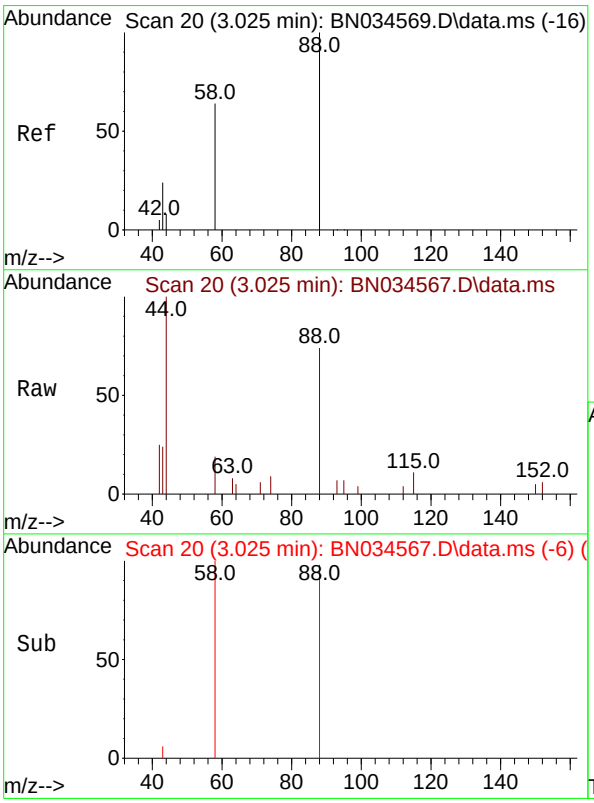
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.358 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN034567.D
Acq: 14 Oct 2024 12:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 3306

Ion	Ratio	Lower	Upper
152	100		
150	157.5	122.0	183.0
115	63.9	48.3	72.5

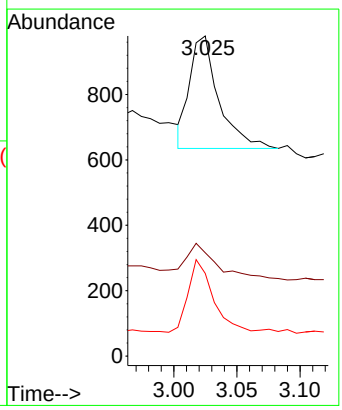


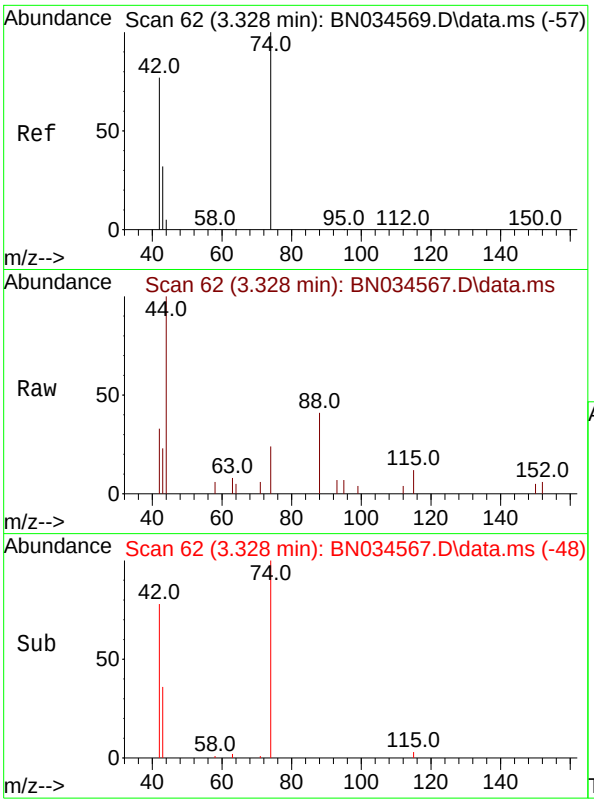


#2
1,4-Dioxane
Concen: 0.138 ng
RT: 3.025 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN034567.D
Acq: 14 Oct 2024 12:35

Tgt Ion: 88 Resp: 552

Ion	Ratio	Lower	Upper
88	100		
43	38.4	22.8	34.2#
58	54.0	56.4	84.6#



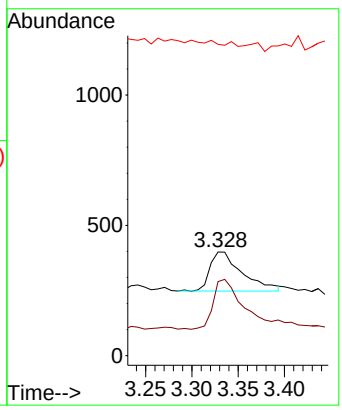


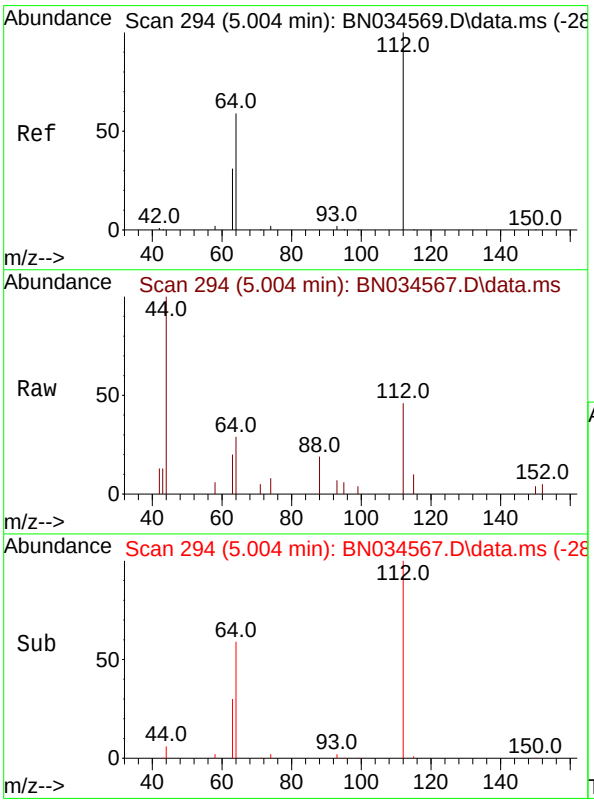
#3
n-Nitrosodimethylamine
Concen: 0.100 ng
RT: 3.328 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN034567.D
Acq: 14 Oct 2024 12:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 363

Ion	Ratio	Lower	Upper
42	100		
74	118.7	99.0	148.6
44	0.0	6.6	9.8#

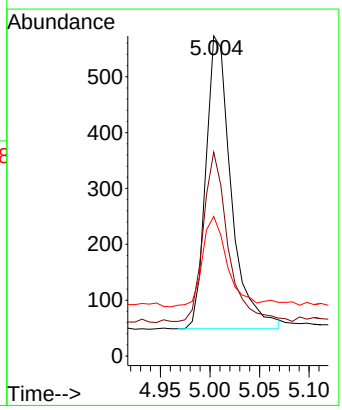


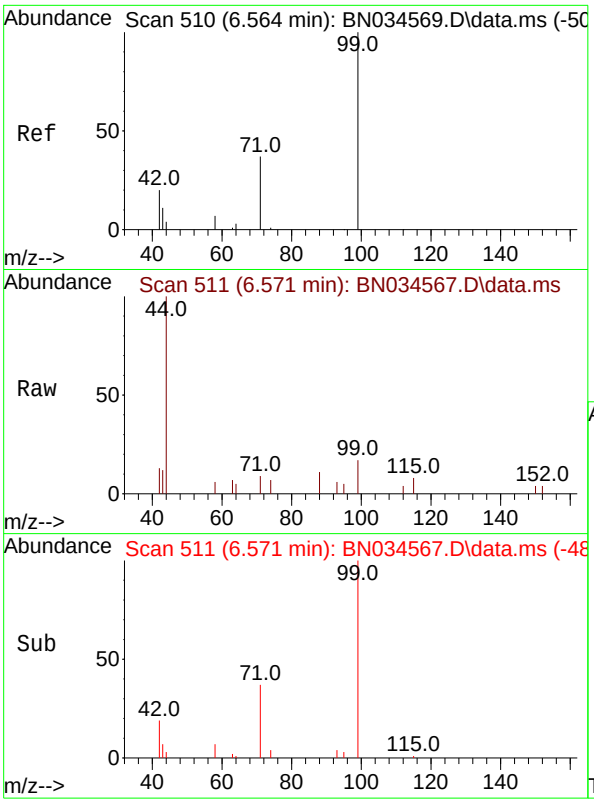


#4
2-Fluorophenol
Concen: 0.104 ng
RT: 5.004 min Scan# 294
Delta R.T. -0.000 min
Lab File: BN034567.D
Acq: 14 Oct 2024 12:35

Tgt Ion:112 Resp: 932

Ion	Ratio	Lower	Upper
112	100		
64	55.9	44.6	66.8
63	30.6	23.8	35.6



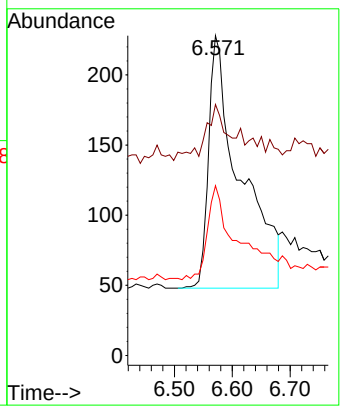


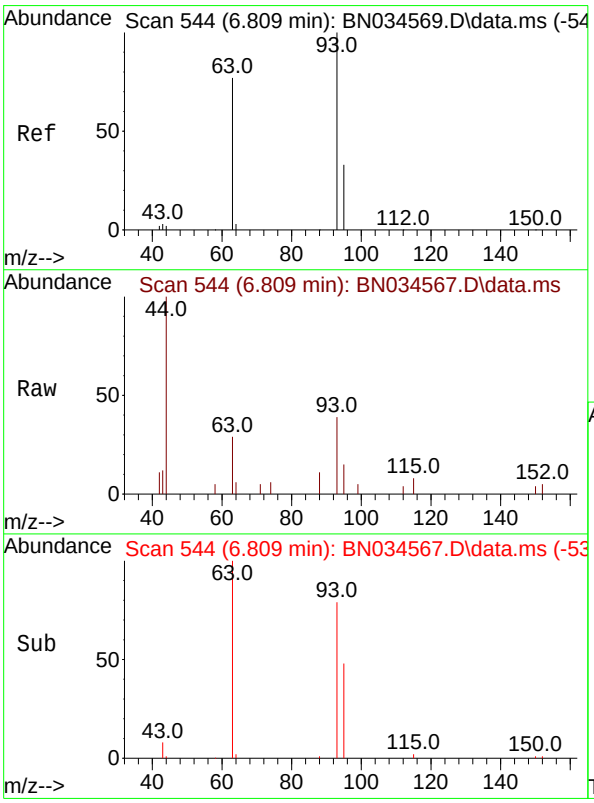
#5
Phenol-d6
Concen: 0.074 ng
RT: 6.571 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN034567.D
Acq: 14 Oct 2024 12:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 685

Ion	Ratio	Lower	Upper
99	100		
42	14.3	15.0	22.6#
71	34.6	28.0	42.0

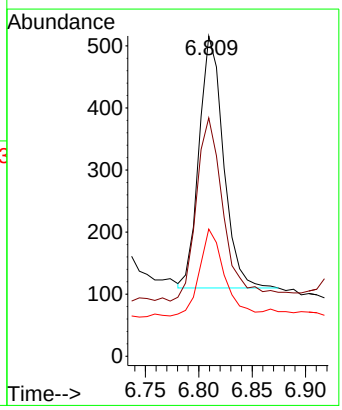


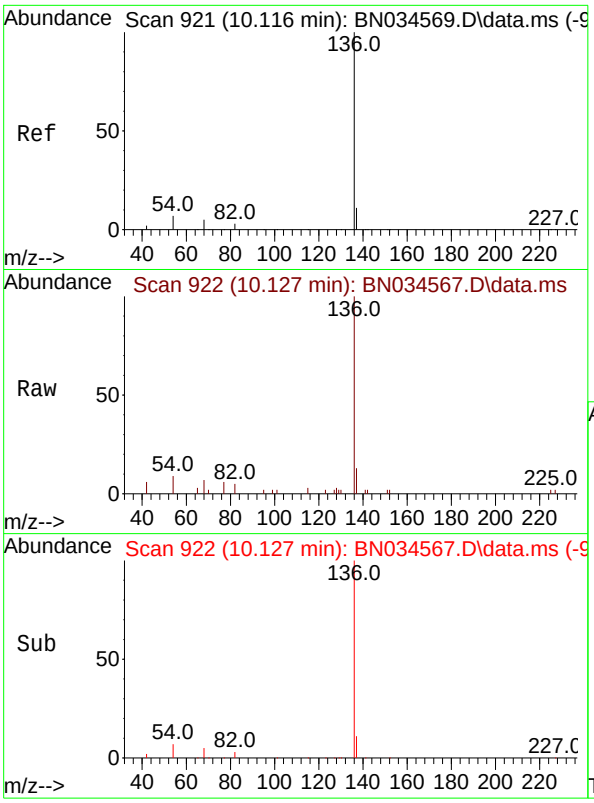


#6
bis(2-Chloroethyl)ether
Concen: 0.085 ng
RT: 6.809 min Scan# 544
Delta R.T. -0.000 min
Lab File: BN034567.D
Acq: 14 Oct 2024 12:35

Tgt Ion: 93 Resp: 646

Ion	Ratio	Lower	Upper
93	100		
63	82.5	64.6	96.8
95	35.3	27.9	41.9



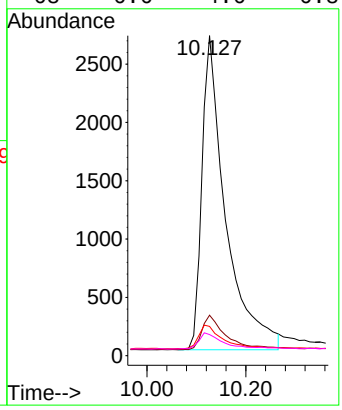


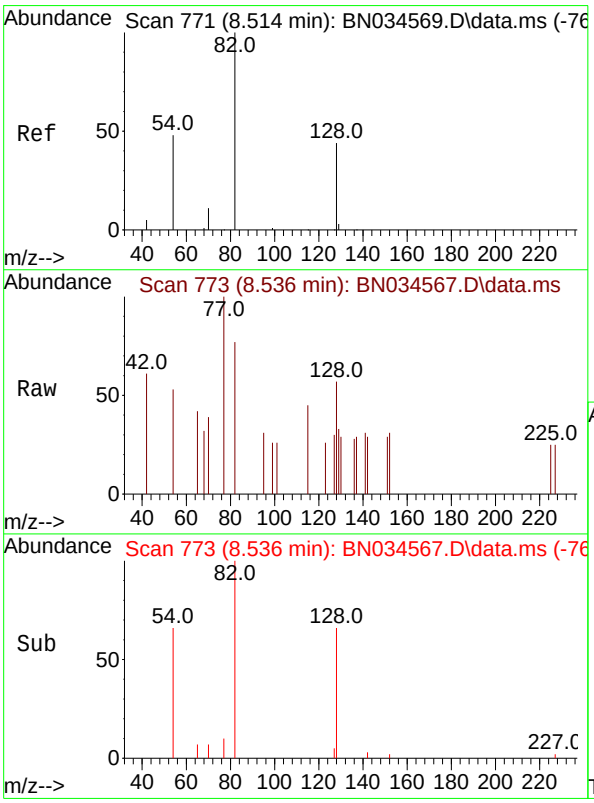
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.127 min Scan# 9
Delta R.T. 0.011 min
Lab File: BN034567.D
Acq: 14 Oct 2024 12:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 8950

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.4	14.0
54	9.2	6.2	9.4
68	6.6	4.6	6.8

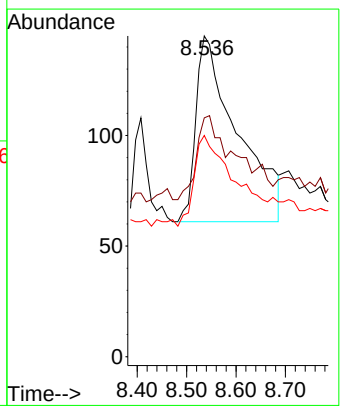


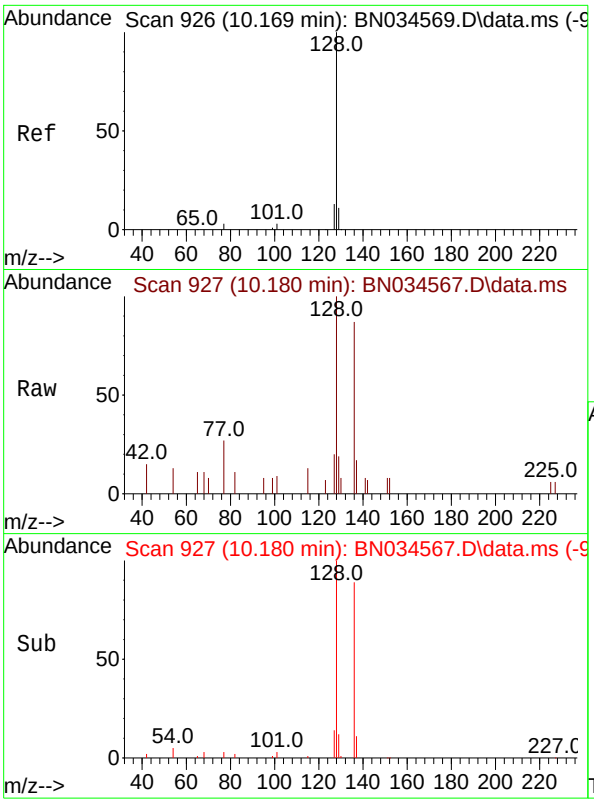


#8
Nitrobenzene-d5
Concen: 0.084 ng
RT: 8.536 min Scan# 773
Delta R.T. 0.021 min
Lab File: BN034567.D
Acq: 14 Oct 2024 12:35

Tgt Ion: 82 Resp: 490

Ion	Ratio	Lower	Upper
82	100		
128	74.5	38.0	57.0#
54	69.0	40.6	60.8#



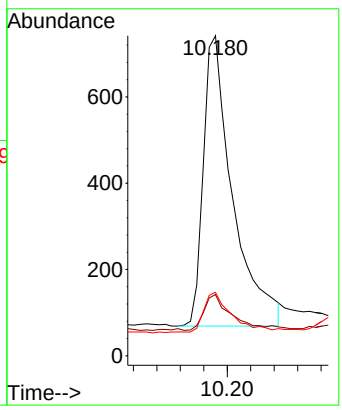


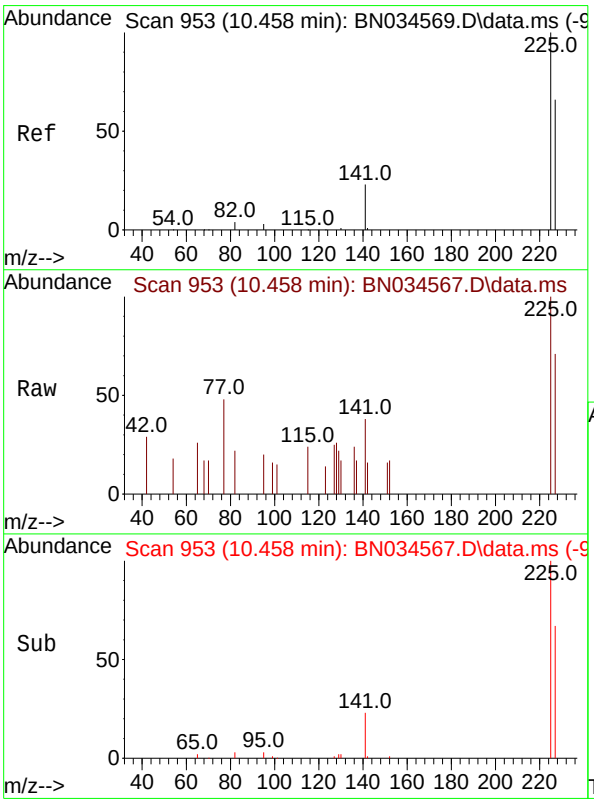
#9
Naphthalene
Concen: 0.100 ng
RT: 10.180 min Scan# 9
Delta R.T. 0.011 min
Lab File: BN034567.D
Acq: 14 Oct 2024 12:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 2333

Ion	Ratio	Lower	Upper
128	100		
129	19.1	9.3	13.9#
127	19.8	10.8	16.2#

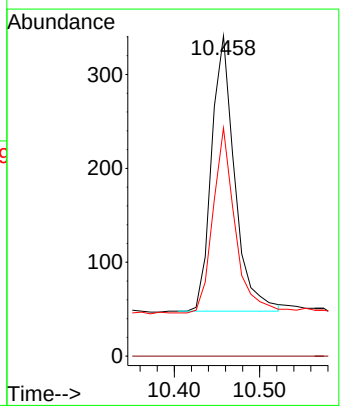


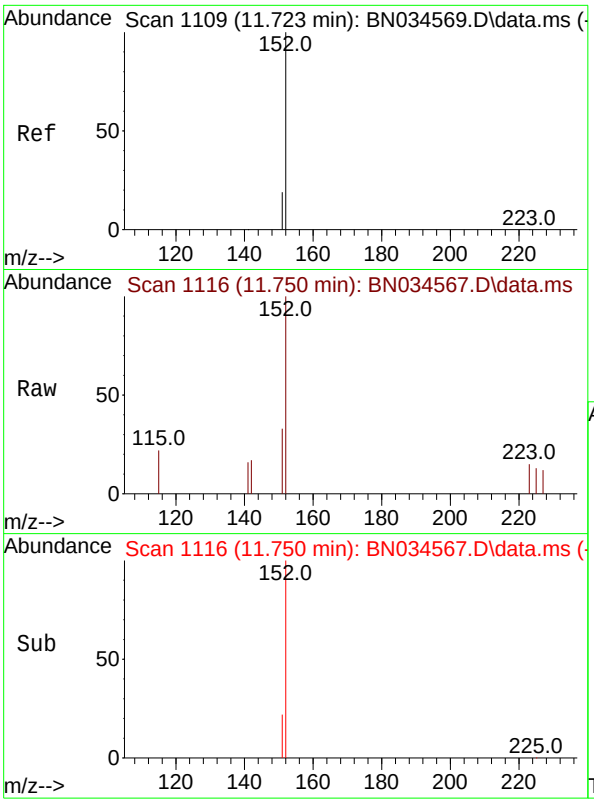


#10
Hexachlorobutadiene
Concen: 0.108 ng
RT: 10.458 min Scan# 953
Delta R.T. -0.000 min
Lab File: BN034567.D
Acq: 14 Oct 2024 12:35

Tgt Ion:225 Resp: 550

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	51.4	77.0



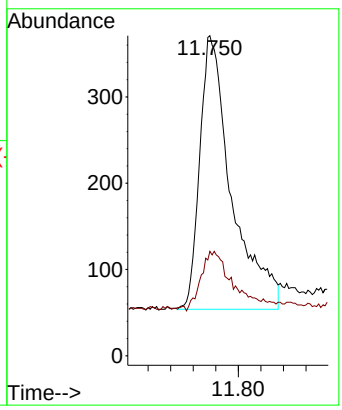


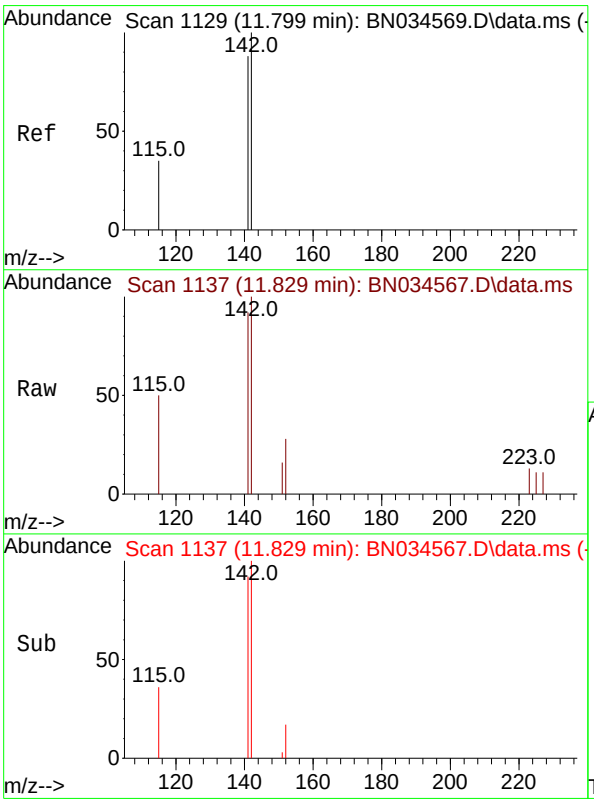
#11
2-Methylnaphthalene-d10
Concen: 0.092 ng
RT: 11.750 min Scan# 11
Delta R.T. 0.026 min
Lab File: BN034567.D
Acq: 14 Oct 2024 12:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 1238

Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.7	25.1

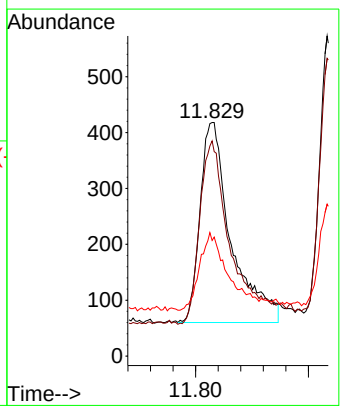


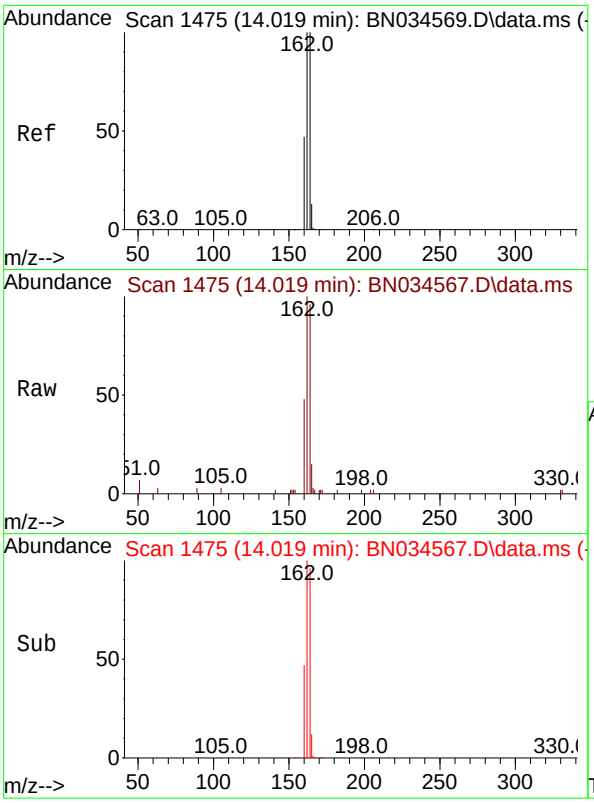


#12
2-Methylnaphthalene
Concen: 0.091 ng
RT: 11.829 min Scan# 1137
Delta R.T. 0.030 min
Lab File: BN034567.D
Acq: 14 Oct 2024 12:35

Tgt Ion:142 Resp: 1370

Ion	Ratio	Lower	Upper
142	100		
141	92.1	70.6	105.8
115	49.5	29.2	43.8#



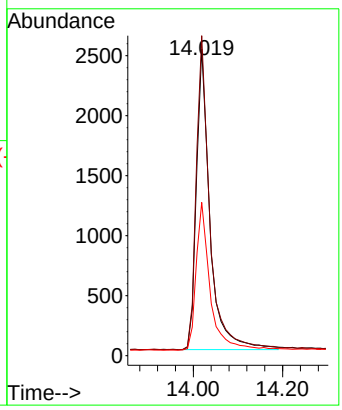


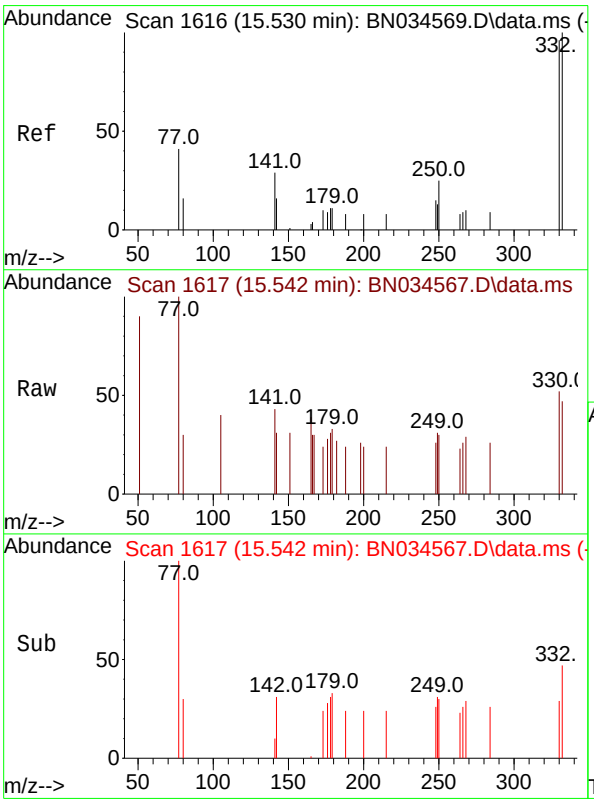
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.019 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN034567.D
Acq: 14 Oct 2024 12:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 5301

Ion	Ratio	Lower	Upper
164	100		
162	104.3	79.7	119.5
160	50.0	37.9	56.9

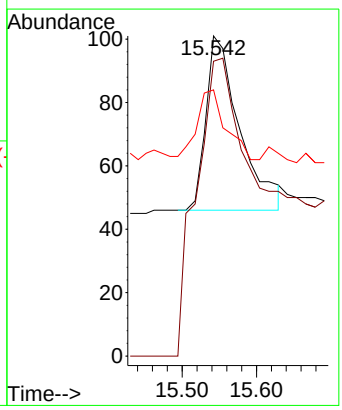


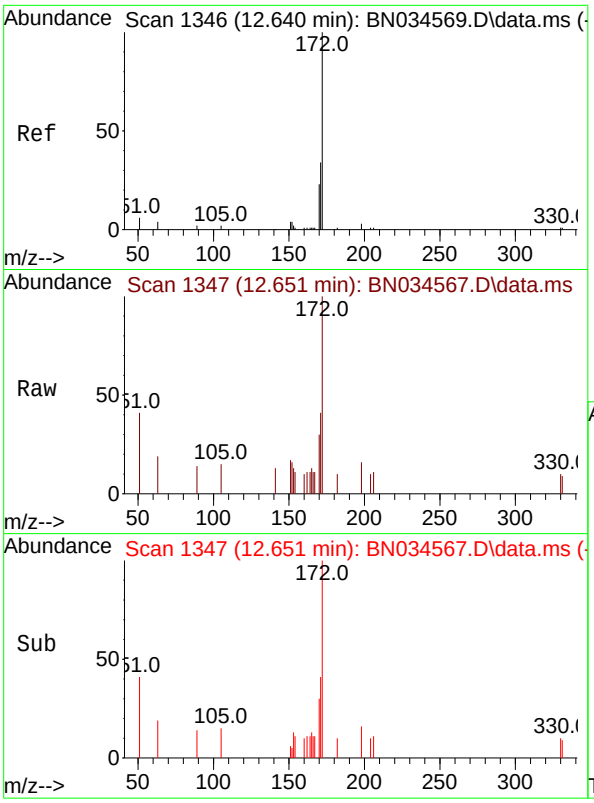


#14
2,4,6-Tribromophenol
Concen: 0.073 ng
RT: 15.542 min Scan# 1617
Delta R.T. 0.012 min
Lab File: BN034567.D
Acq: 14 Oct 2024 12:35

Tgt Ion:330 Resp: 171

Ion	Ratio	Lower	Upper
330	100		
332	277.8	104.3	156.5#
141	33.9	29.4	44.0



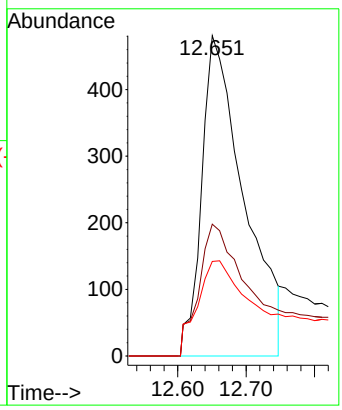


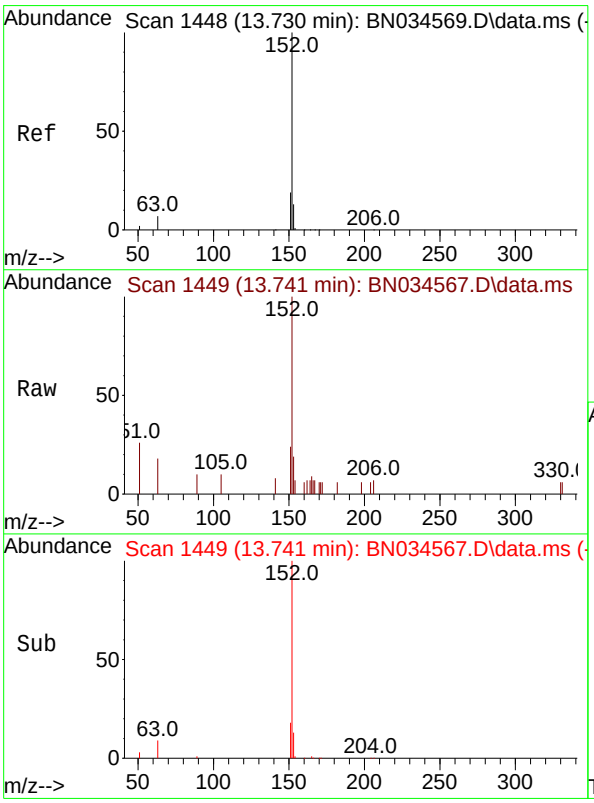
#15
2-Fluorobiphenyl
Concen: 0.104 ng
RT: 12.651 min Scan# 1
Delta R.T. 0.011 min
Lab File: BN034567.D
Acq: 14 Oct 2024 12:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 1898

Ion	Ratio	Lower	Upper
172	100		
171	41.2	27.1	40.7#
170	29.5	18.5	27.7#

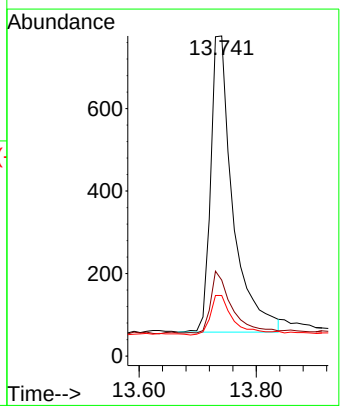


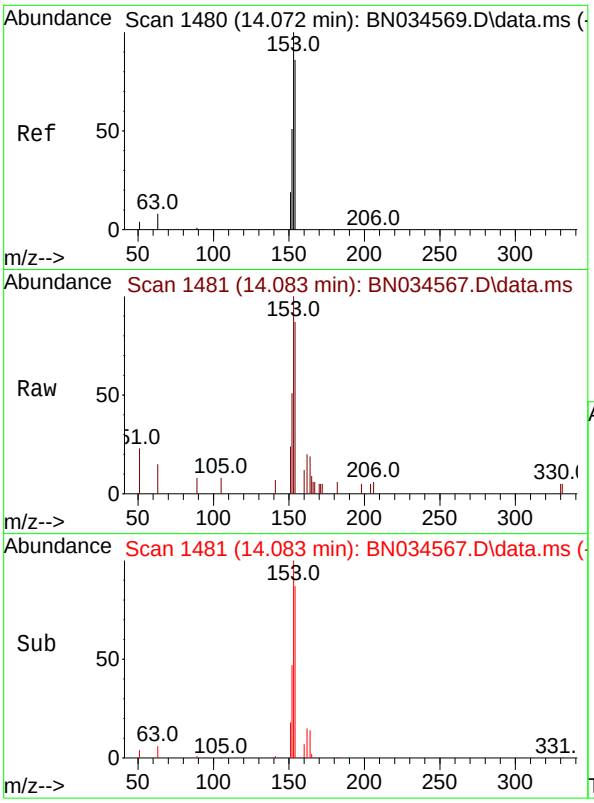


#16
Acenaphthylene
Concen: 0.088 ng
RT: 13.741 min Scan# 1449
Delta R.T. 0.011 min
Lab File: BN034567.D
Acq: 14 Oct 2024 12:35

Tgt Ion:152 Resp: 1892

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.5	23.3
153	13.7	10.4	15.6



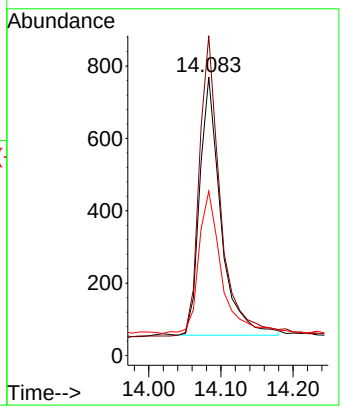


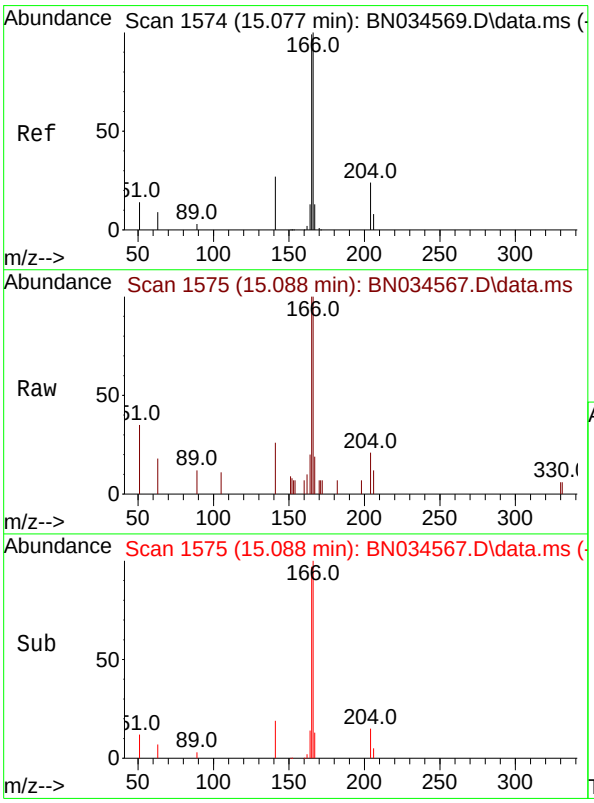
#17
Acenaphthene
Concen: 0.095 ng
RT: 14.083 min Scan# 14
Delta R.T. 0.011 min
Lab File: BN034567.D
Acq: 14 Oct 2024 12:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 1452

Ion	Ratio	Lower	Upper
154	100		
153	116.3	91.5	137.3
152	59.1	45.8	68.8

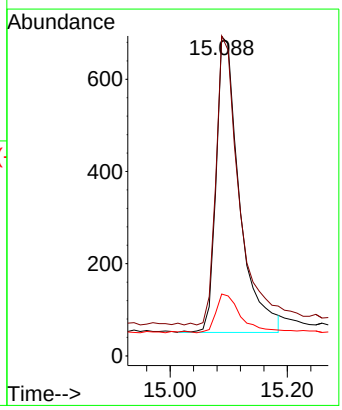


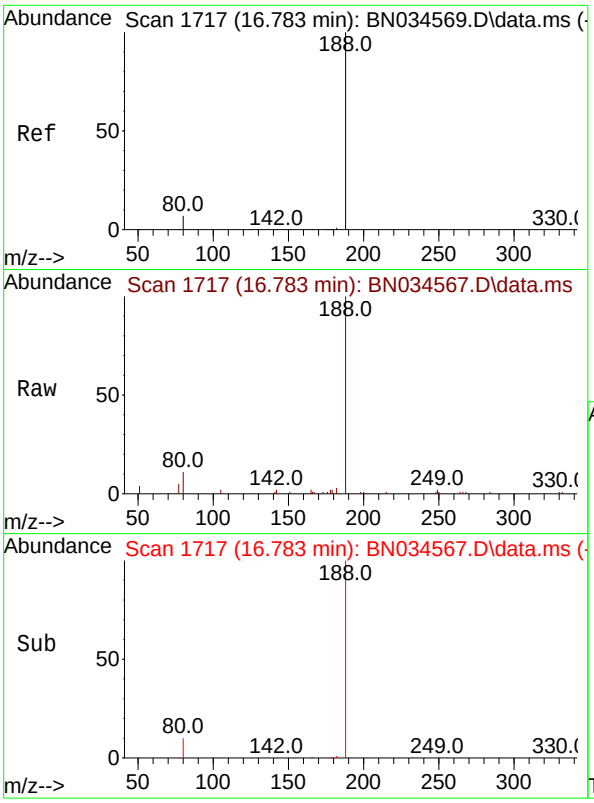


#18
Fluorene
Concen: 0.091 ng
RT: 15.088 min Scan# 1575
Delta R.T. 0.011 min
Lab File: BN034567.D
Acq: 14 Oct 2024 12:35

Tgt Ion:166 Resp: 1770

Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.6	118.0
167	14.0	10.8	16.2





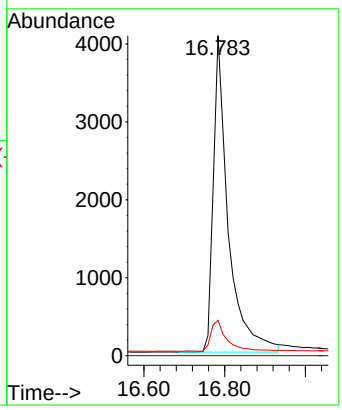
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.783 min Scan# 1

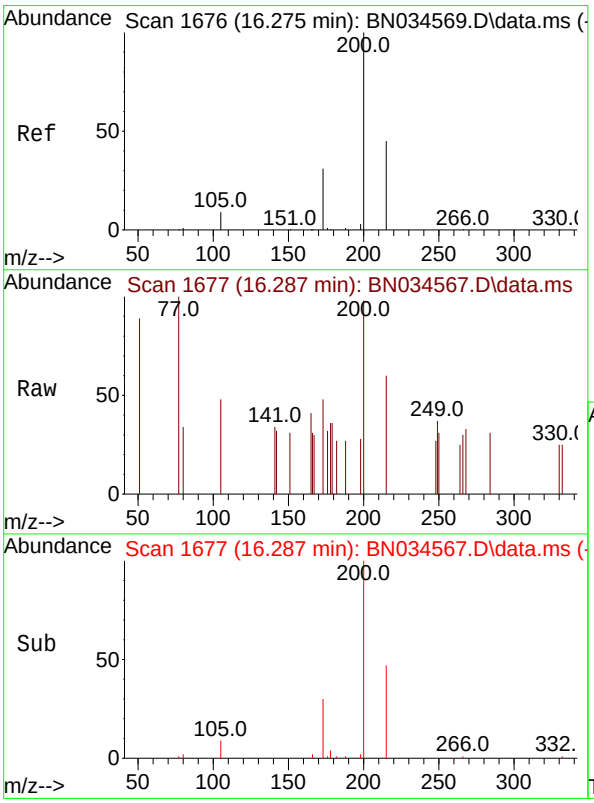
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Delta R.T. -0.000 min
Lab File: BN034567.D
Acq: 14 Oct 2024 12:35

Tgt Ion:188 Resp: 10386

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	6.3	9.5#

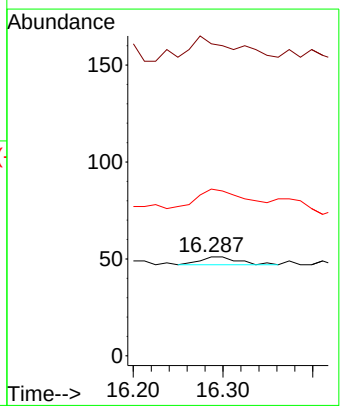


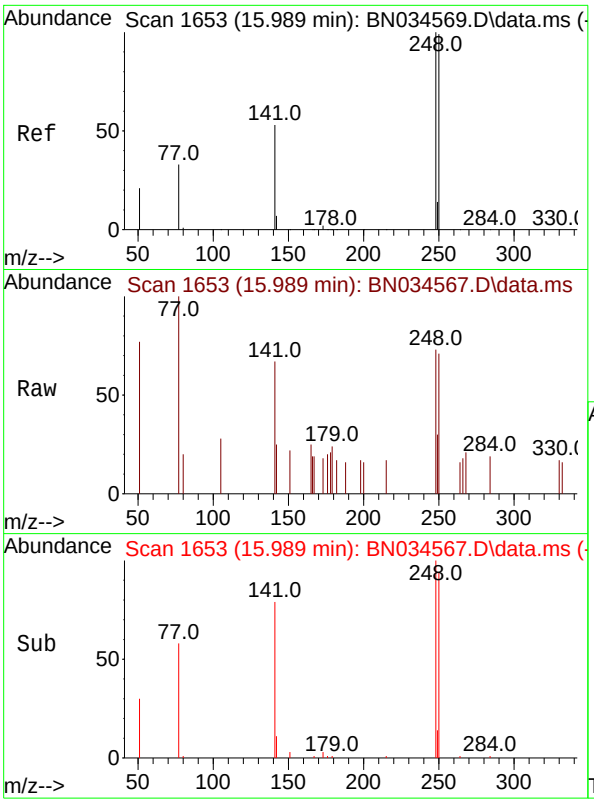


#20
4,6-Dinitro-2-methylphenol
Concen: 0.084 ng
RT: 16.287 min Scan# 1677
Delta R.T. 0.012 min
Lab File: BN034567.D
Acq: 14 Oct 2024 12:35

Tgt Ion:198 Resp: 12

Ion	Ratio	Lower	Upper
198	100		
51	315.7	174.8	262.2#
105	168.6	167.9	251.9



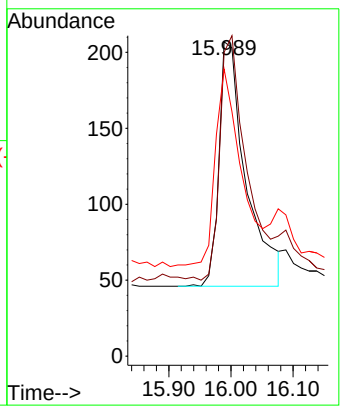


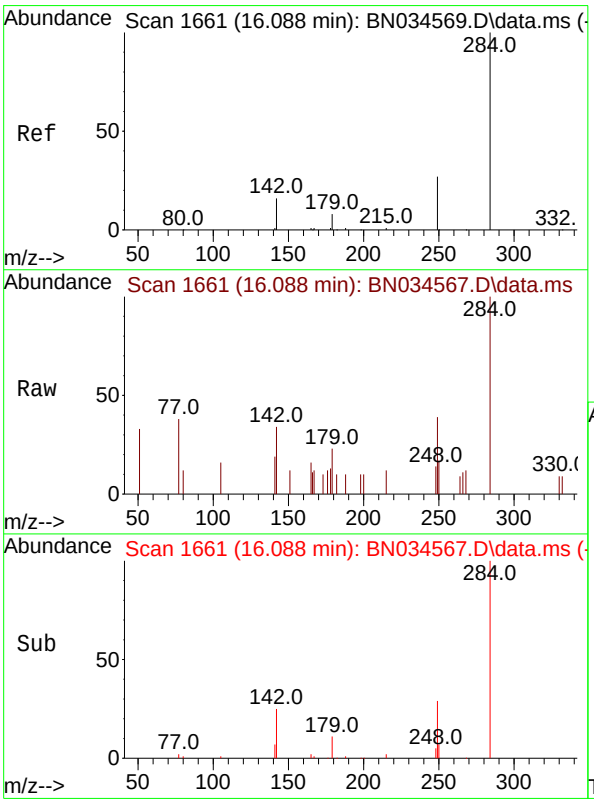
#21
4-Bromophenyl-phenylether
Concen: 0.086 ng
RT: 15.989 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN034567.D
Acq: 14 Oct 2024 12:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:248 Resp: 485

Ion	Ratio	Lower	Upper
248	100		
250	96.6	79.8	119.6
141	91.3	44.3	66.5#

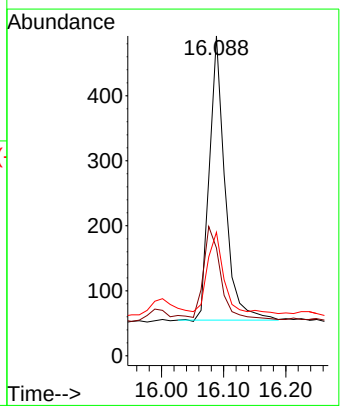


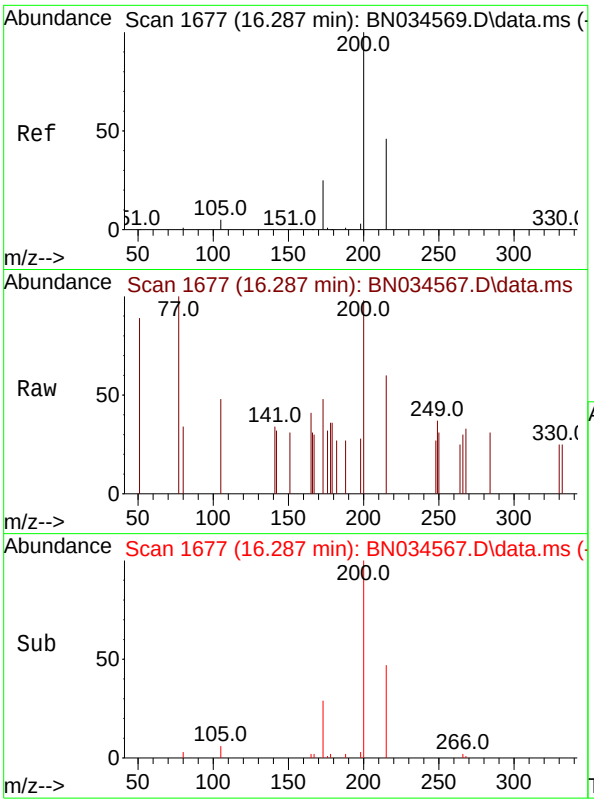


#22
Hexachlorobenzene
Concen: 0.100 ng
RT: 16.088 min Scan# 1661
Delta R.T. -0.000 min
Lab File: BN034567.D
Acq: 14 Oct 2024 12:35

Tgt Ion:284 Resp: 763

Ion	Ratio	Lower	Upper
284	100		
142	36.6	28.4	42.6
249	30.9	25.0	37.4



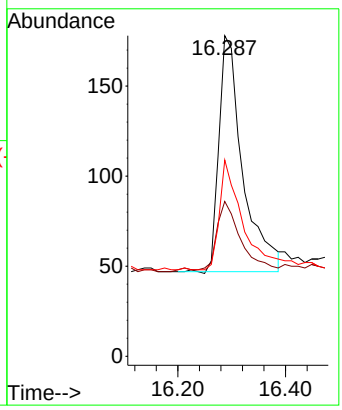


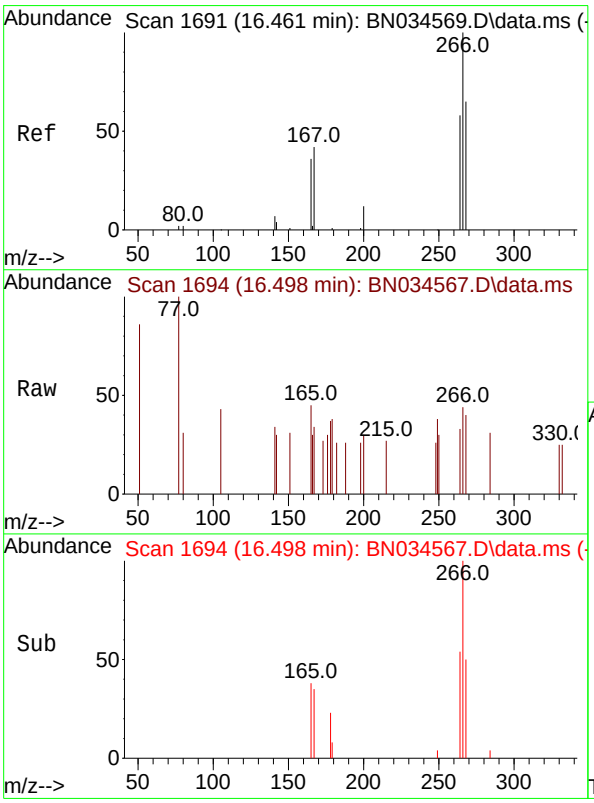
#23
Atrazine
Concen: 0.089 ng
RT: 16.287 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN034567.D
Acq: 14 Oct 2024 12:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:200 Resp: 401

Ion	Ratio	Lower	Upper
200	100		
173	48.3	22.9	34.3#
215	61.2	38.8	58.2#

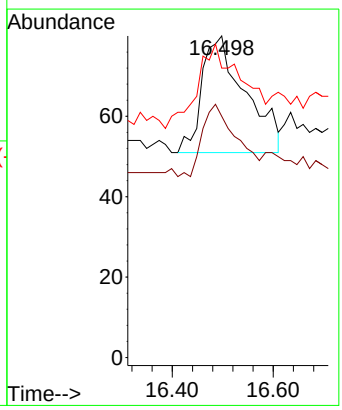


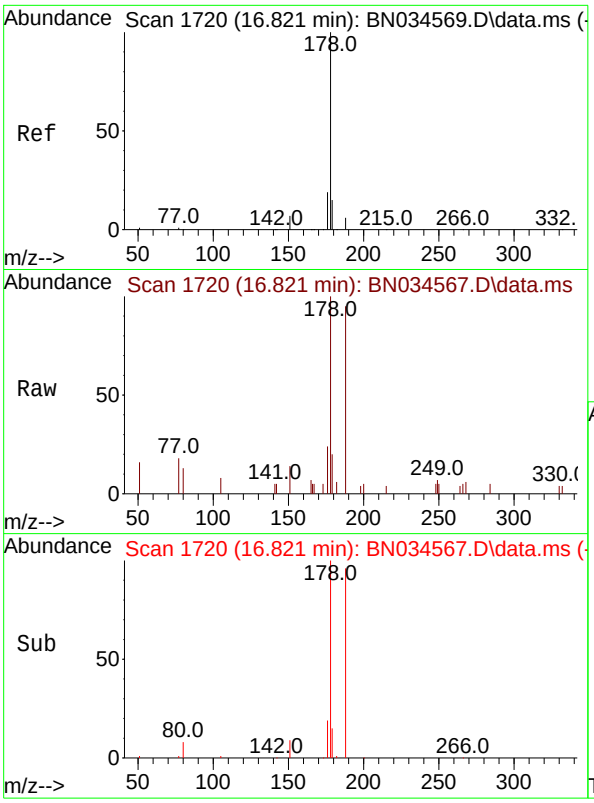


#24
Pentachlorophenol
Concen: 0.079 ng
RT: 16.498 min Scan# 1694
Delta R.T. 0.037 min
Lab File: BN034567.D
Acq: 14 Oct 2024 12:35

Tgt Ion:266 Resp: 173

Ion	Ratio	Lower	Upper
266	100		
264	49.7	46.6	69.8
268	75.7	52.0	78.0



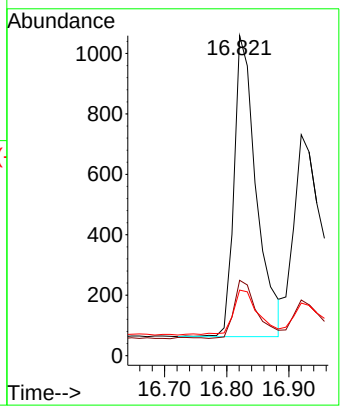


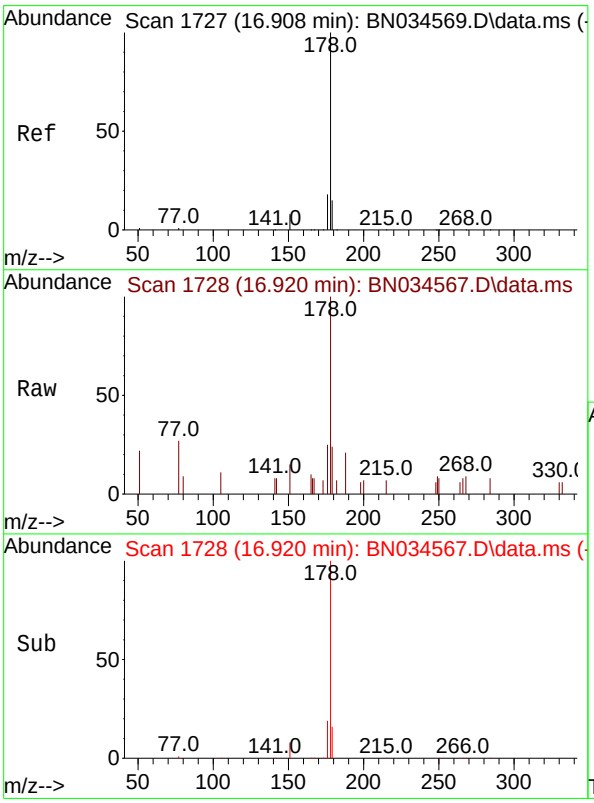
#25
Phenanthrene
Concen: 0.091 ng
RT: 16.821 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN034567.D
Acq: 14 Oct 2024 12:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 2496

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.3	22.9
179	17.0	12.2	18.4

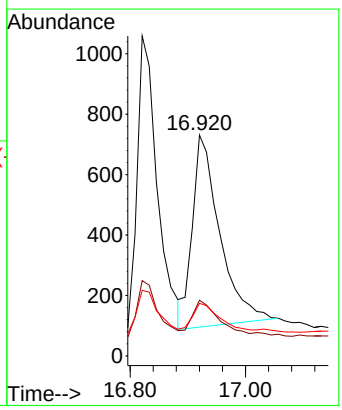


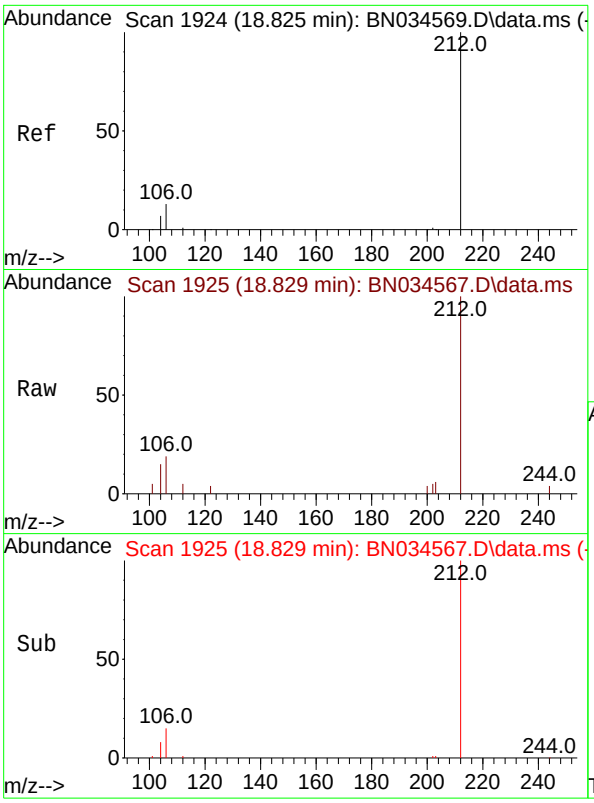


#26
Anthracene
Concen: 0.089 ng
RT: 16.920 min Scan# 1728
Delta R.T. 0.012 min
Lab File: BN034567.D
Acq: 14 Oct 2024 12:35

Tgt Ion:178 Resp: 2105

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.3	21.5
179	15.7	12.0	18.0



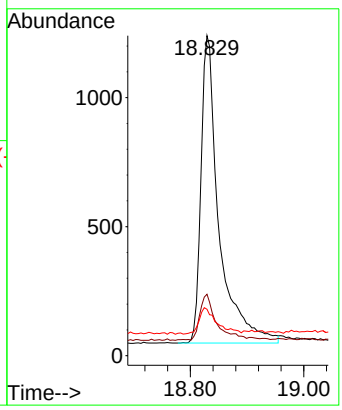


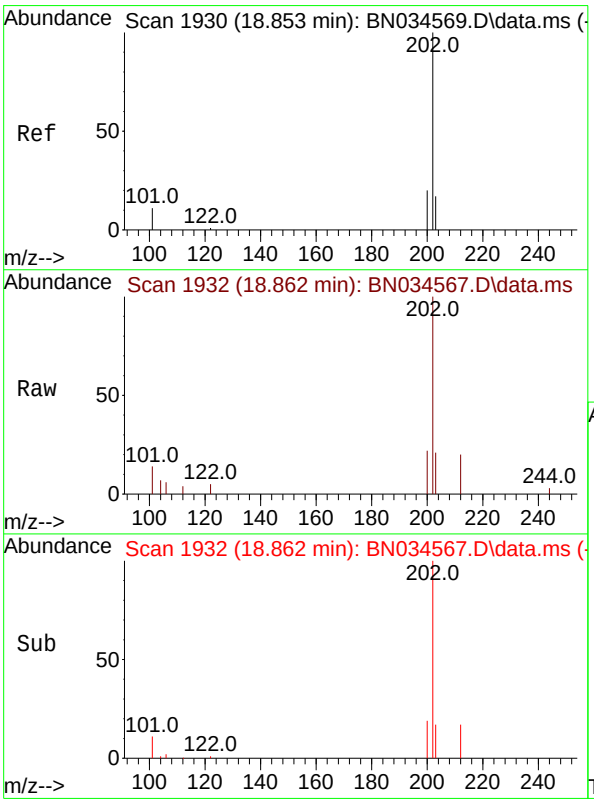
#27
Fluoranthene-d10
Concen: 0.104 ng
RT: 18.829 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN034567.D
Acq: 14 Oct 2024 12:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 2619

Ion	Ratio	Lower	Upper
212	100		
106	13.2	11.1	16.7
104	8.3	6.5	9.7

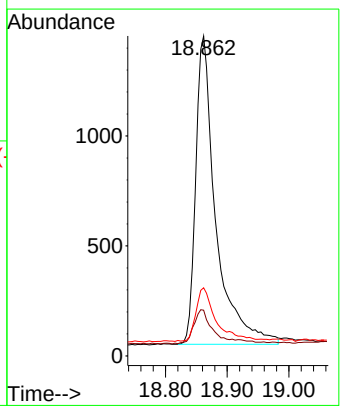


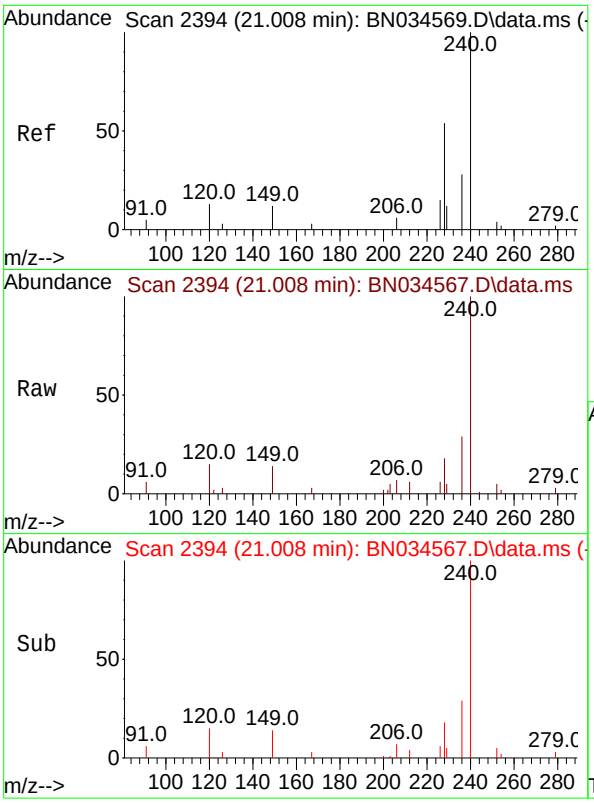


#28
Fluoranthene
Concen: 0.102 ng
RT: 18.862 min Scan# 1932
Delta R.T. 0.009 min
Lab File: BN034567.D
Acq: 14 Oct 2024 12:35

Tgt Ion:202 Resp: 3178

Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.8	13.2
203	17.3	13.4	20.0



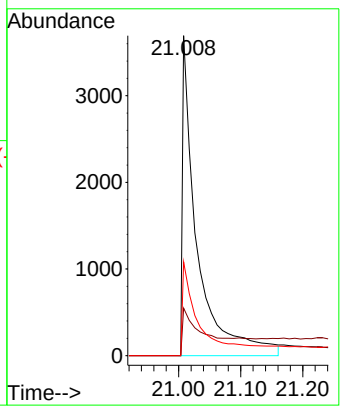


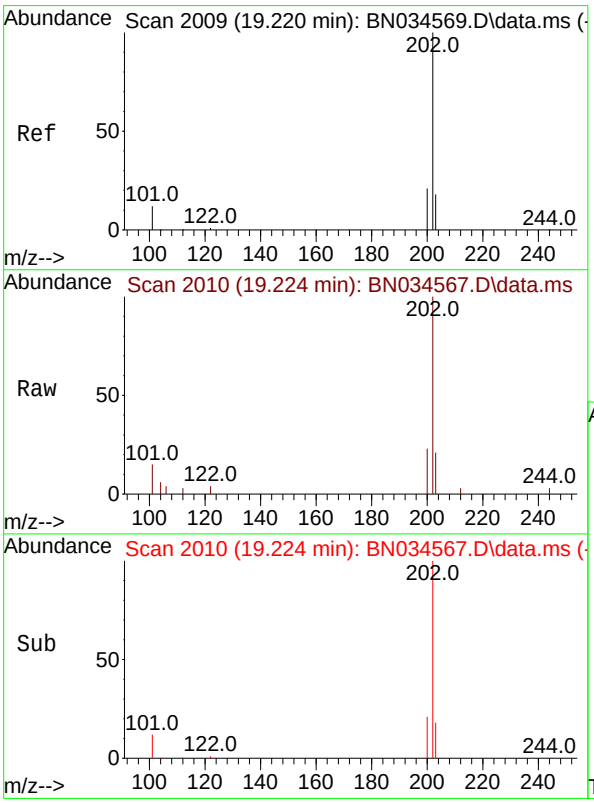
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.008 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN034567.D
Acq: 14 Oct 2024 12:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 6151

Ion	Ratio	Lower	Upper
240	100		
120	14.8	10.1	15.1
236	29.3	22.6	34.0

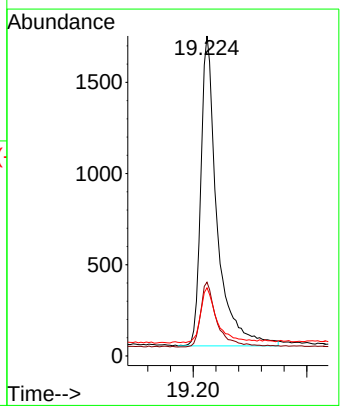


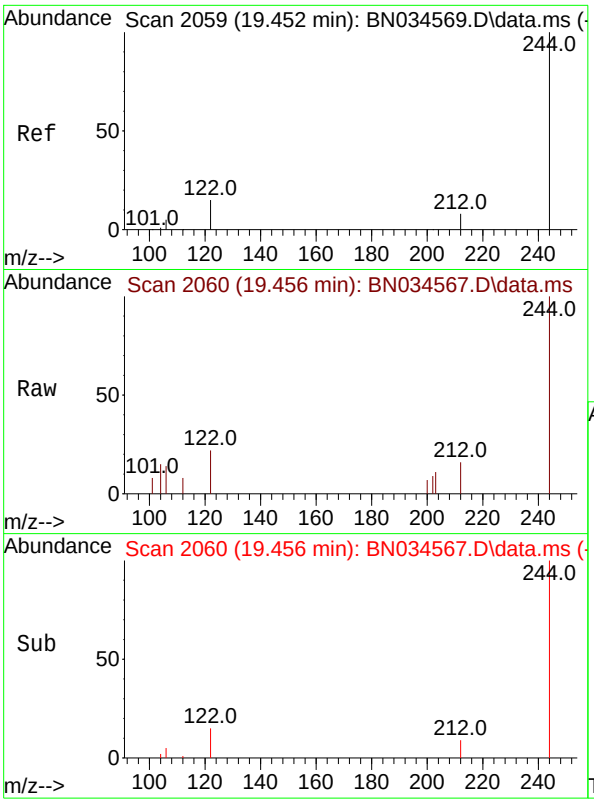


#30
Pyrene
Concen: 0.056 ng
RT: 19.224 min Scan# 2010
Delta R.T. 0.005 min
Lab File: BN034567.D
Acq: 14 Oct 2024 12:35

Tgt Ion:202 Resp: 3367

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	17.8	14.3	21.5



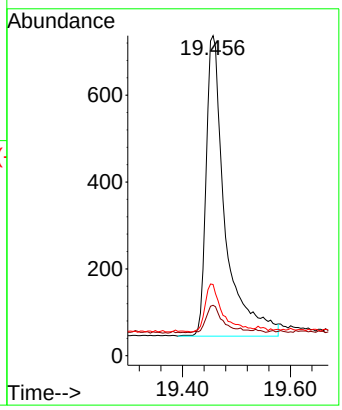


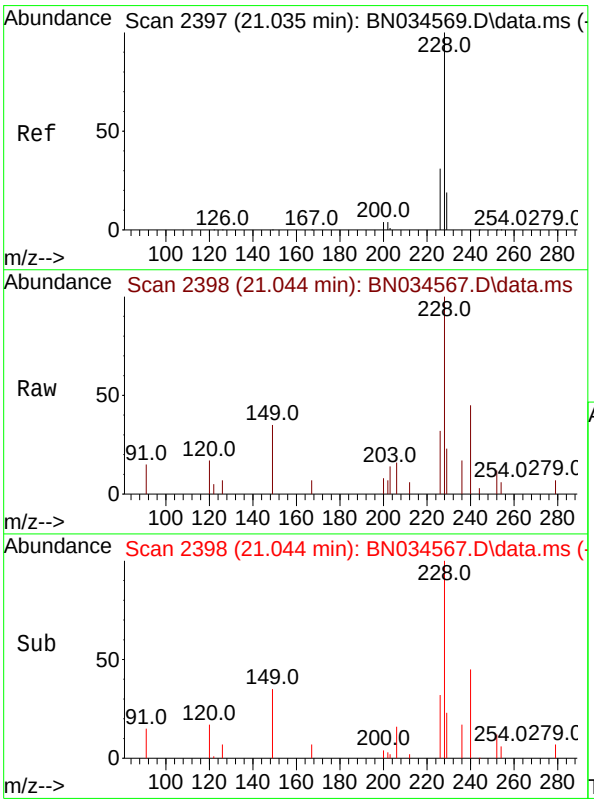
#31
Terphenyl-d14
Concen: 0.238 ng
RT: 19.456 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN034567.D
Acq: 14 Oct 2024 12:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 1692

Ion	Ratio	Lower	Upper
244	100		
212	15.7	7.7	11.5#
122	22.3	12.6	19.0#

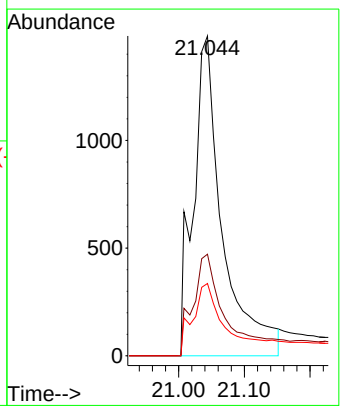


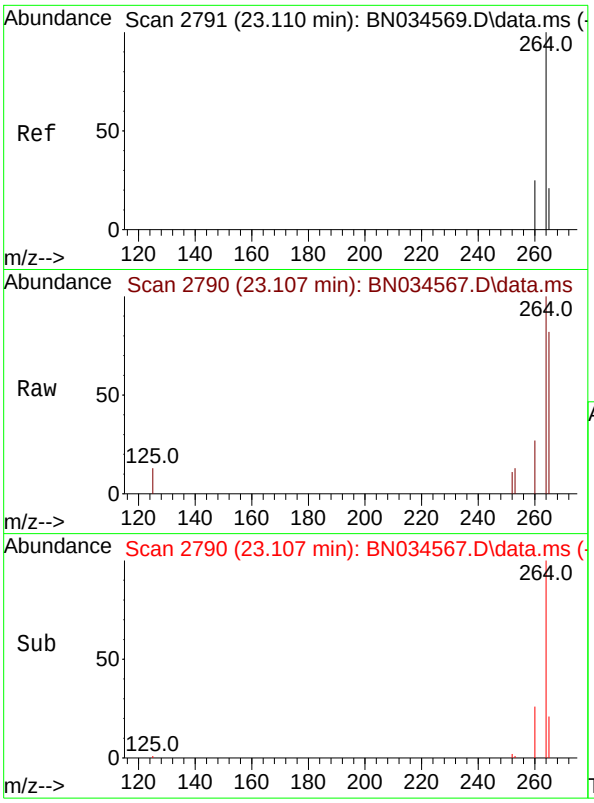


#33
Chrysene
Concen: 0.080 ng
RT: 21.044 min Scan# 2398
Delta R.T. 0.009 min
Lab File: BN034567.D
Acq: 14 Oct 2024 12:35

Tgt Ion:228 Resp: 4397

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.4	36.6
229	22.6	15.8	23.6



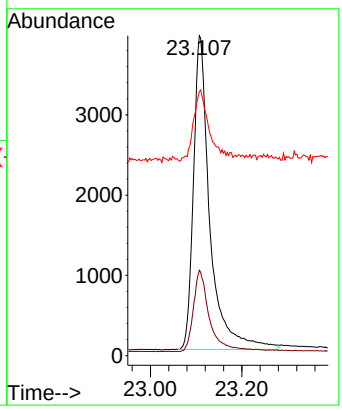


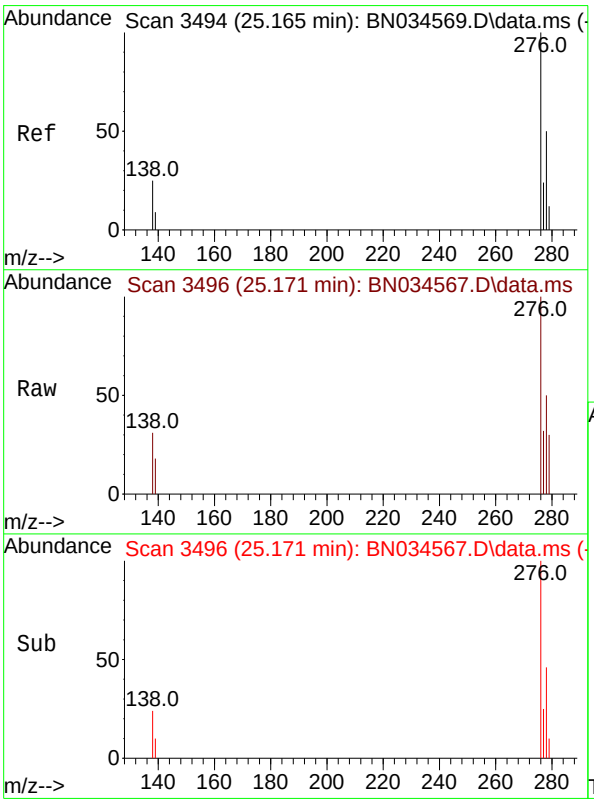
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.107 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN034567.D
Acq: 14 Oct 2024 12:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:264 Resp: 9782

Ion	Ratio	Lower	Upper
264	100		
260	26.7	20.9	31.3
265	82.5	61.6	92.4

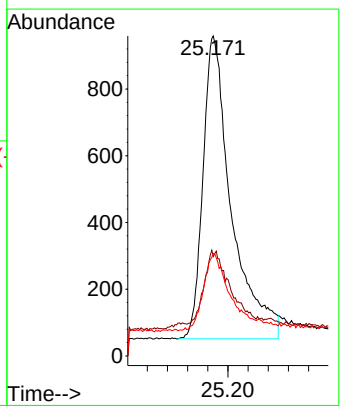


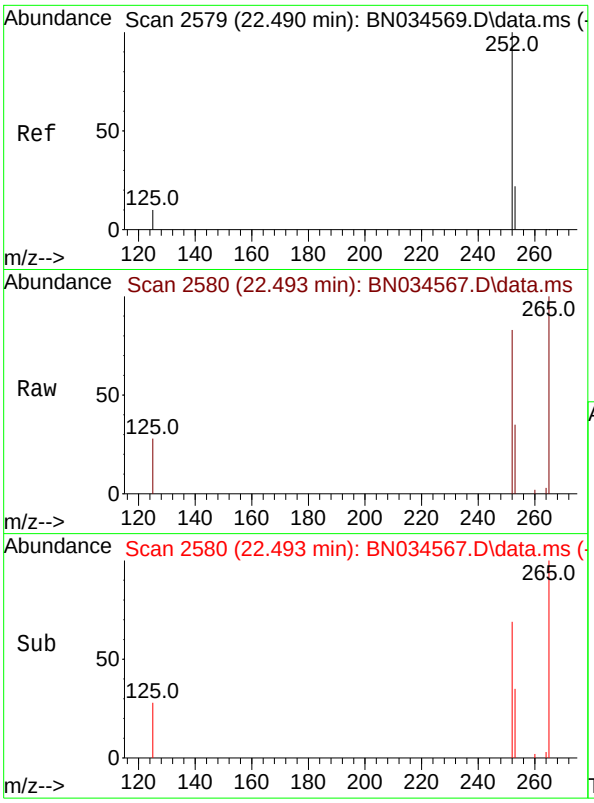


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.094 ng
RT: 25.171 min Scan# 3496
Delta R.T. 0.006 min
Lab File: BN034567.D
Acq: 14 Oct 2024 12:35

Tgt Ion:276 Resp: 3558

Ion	Ratio	Lower	Upper
276	100		
138	22.2	22.0	33.0
277	22.7	20.1	30.1



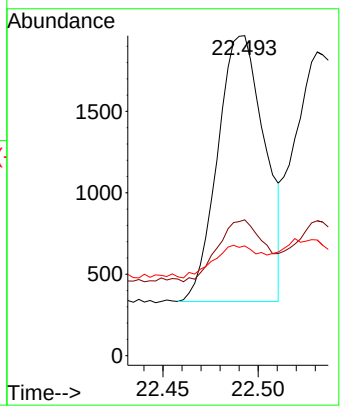


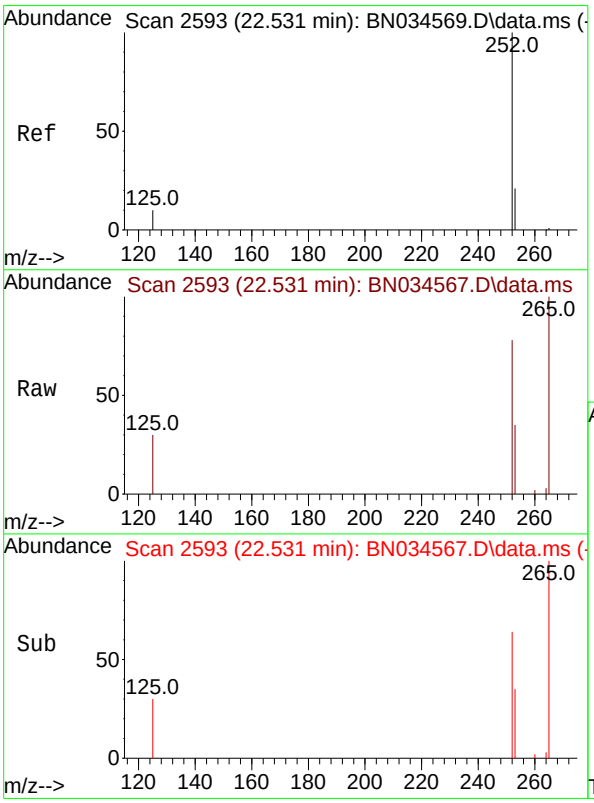
#37
Benzo(b)fluoranthene
Concen: 0.086 ng
RT: 22.493 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN034567.D
Acq: 14 Oct 2024 12:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 2809

Ion	Ratio	Lower	Upper
252	100		
253	42.4	21.3	31.9#
125	34.3	12.7	19.1#

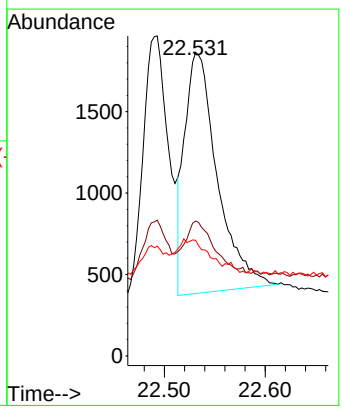


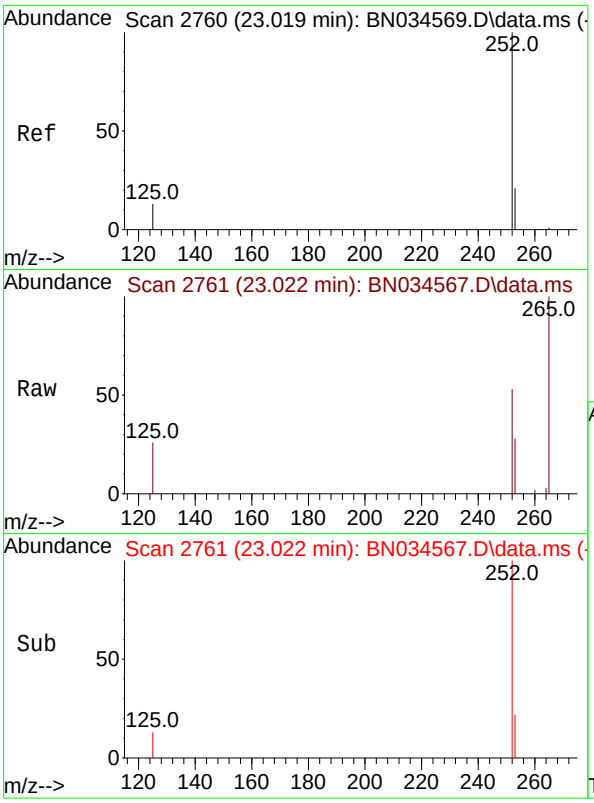


#38
Benzo(k)fluoranthene
Concen: 0.089 ng
RT: 22.531 min Scan# 2593
Delta R.T. -0.000 min
Lab File: BN034567.D
Acq: 14 Oct 2024 12:35

Tgt Ion:252 Resp: 3319

Ion	Ratio	Lower	Upper
252	100		
253	44.4	21.0	31.6#
125	38.1	13.3	19.9#



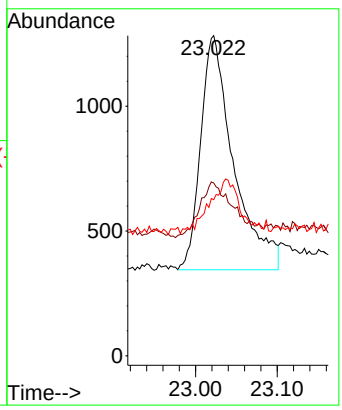


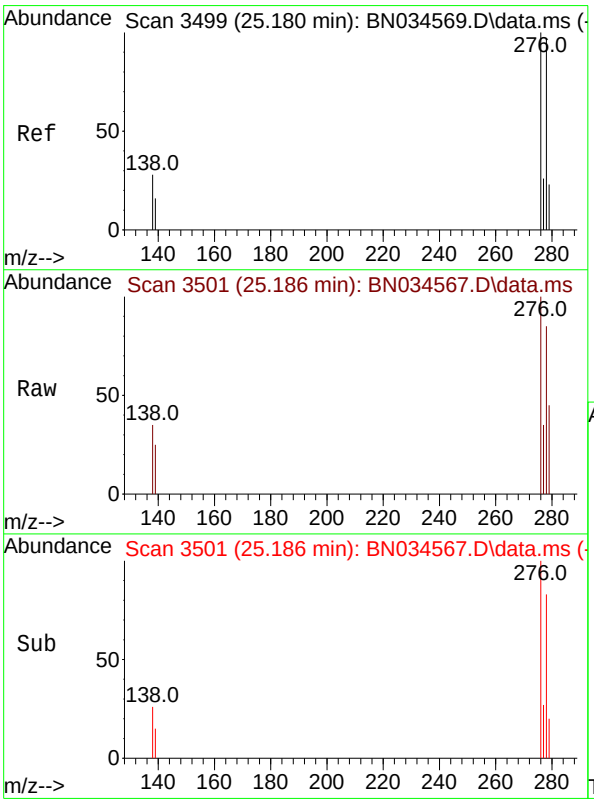
#39
Benzo(a)pyrene
Concen: 0.093 ng
RT: 23.022 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN034567.D
Acq: 14 Oct 2024 12:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 2629

Ion	Ratio	Lower	Upper
252	100		
253	54.0	23.8	35.8#
125	48.8	17.2	25.8#

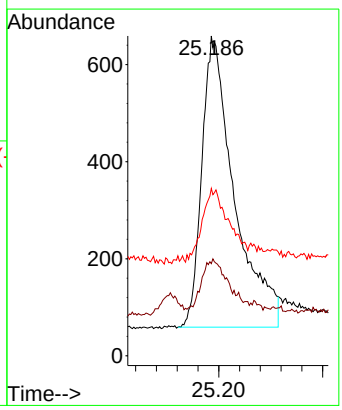


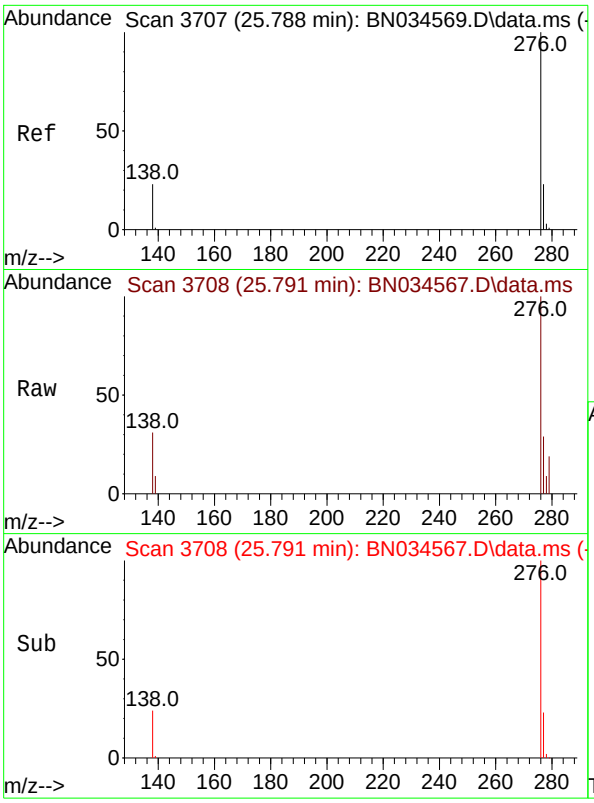


#40
Dibenzo(a,h)anthracene
Concen: 0.090 ng
RT: 25.186 min Scan# 3501
Delta R.T. 0.006 min
Lab File: BN034567.D
Acq: 14 Oct 2024 12:35

Tgt Ion:278 Resp: 2603

Ion	Ratio	Lower	Upper
278	100		
139	28.8	16.0	24.0#
279	52.4	23.4	35.0#





#41
Benzo(g,h,i)perylene
Concen: 0.096 ng
RT: 25.791 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN034567.D
Acq: 14 Oct 2024 12:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 3337

Ion	Ratio	Lower	Upper
276	100		
277	29.3	19.8	29.8
138	31.2	19.2	28.8#