Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113023\
Data File : BN028948.D
Acq On : 01 Dec 2023 15:29
Operator : MA/JU
Sample : 05350-10
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE115D2-20231107

Quant Time: Dec 01 16:20:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:28:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.797	152	4421	0.400	ng		-0.01
7) Naphthalene-d8	10.584	136	11643	0.400	ng		-0.01
13) Acenaphthene-d10	14.428	164	4844	0.400	ng		0.00
19) Phenanthrene-d10	17.171	188	7593	0.400	ng		-0.01
29) Chrysene-d12	21.374	240	5005	0.400	ng		# 0.00
35) Perylene-d12	23.708	264	4920	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.420	112	2165	0.162	ng		-0.03
5) Phenol-d6	7.017	99	1428	0.096	ng		-0.03
8) Nitrobenzene-d5	8.971	82	3386	0.293	ng		-0.01
11) 2-Methylnaphthalene-d10	12.174	152	5352	0.286	ng		-0.01
14) 2,4,6-Tribromophenol	15.918	330	626	0.191	ng		-0.01
15) 2-Fluorobiphenyl	13.060	172	9435	0.451	ng		-0.01
27) Fluoranthene-d10	19.209	212	7321	0.367	ng		0.00
31) Terphenyl-d14	19.817	244	6018	0.414	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	29300	6.767	ng		95
6) bis(2-Chloroethyl)ether	7.255	93	546	0.044	ng		91
16) Acenaphthylene	14.140	152	6254	0.244	ng		96
17) Acenaphthene	14.482	154	756	0.044	ng		94
18) Fluorene	15.497	166	852	0.040	ng	#	11
30) Pyrene	19.604	202	767	0.114	ng	#	80
32) Benzo(a)anthracene	21.356	228	552	0.026	ng	#	1
33) Chrysene	21.409	228	736	0.035	ng	#	1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113023\
Data File : BN028948.D
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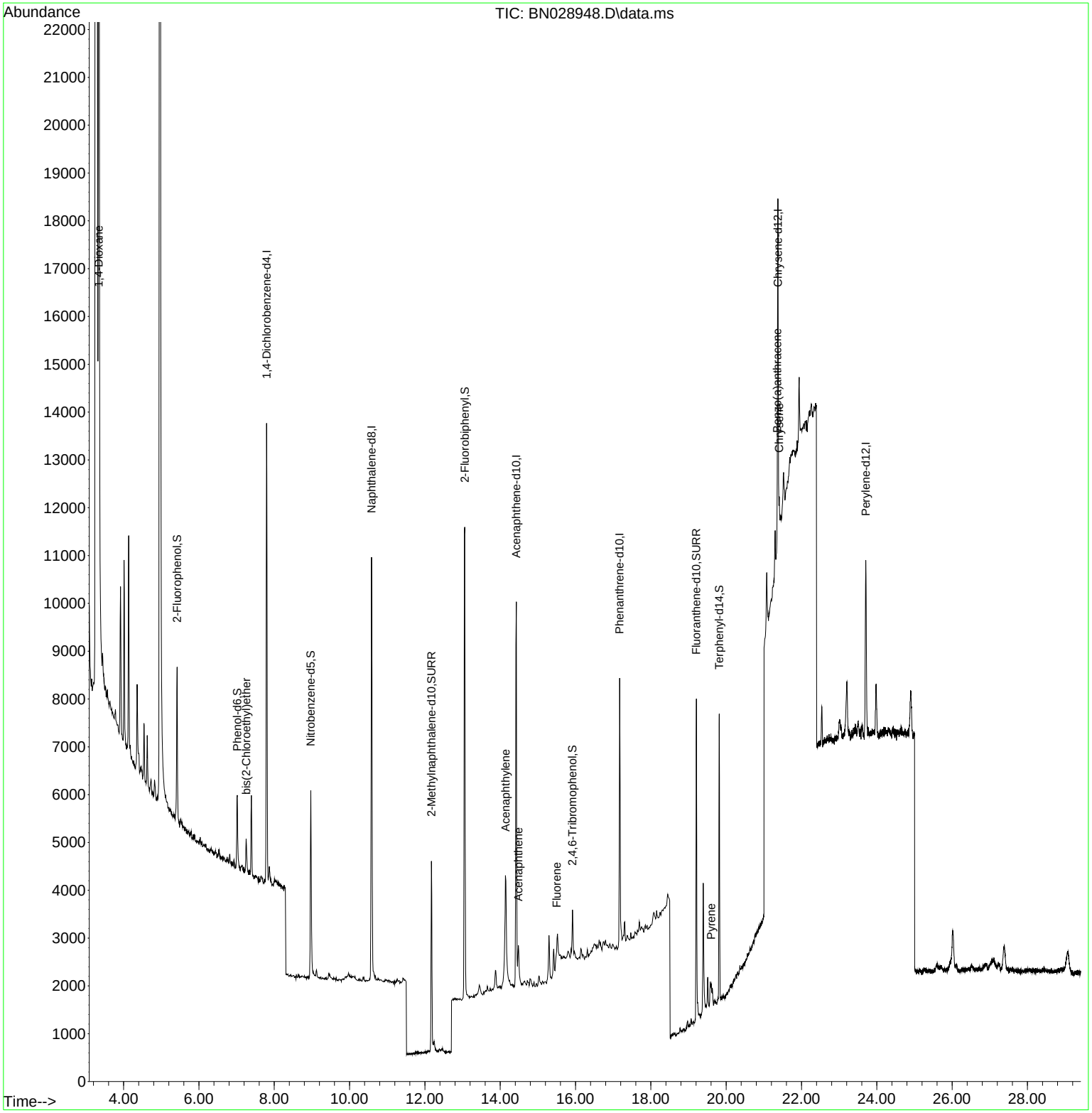
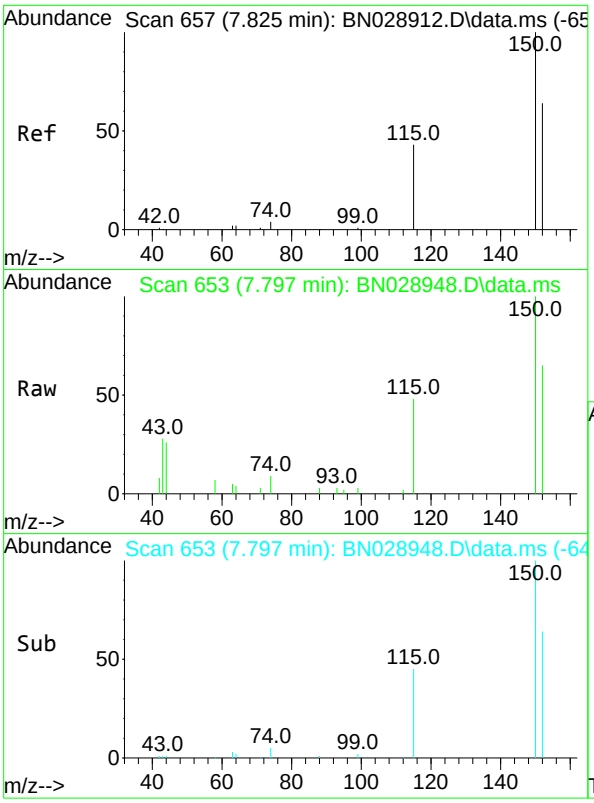
Operator : MA/JU
Sample : 05350-10
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE115D2-20231107

Quant Time: Dec 01 16:20:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:28:34 2023
Response via : Initial Calibration



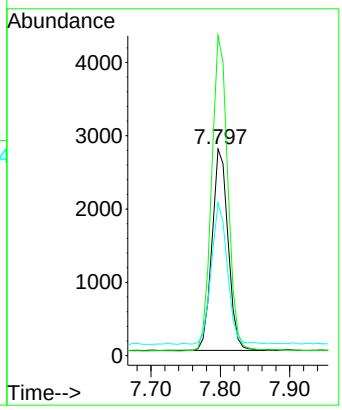


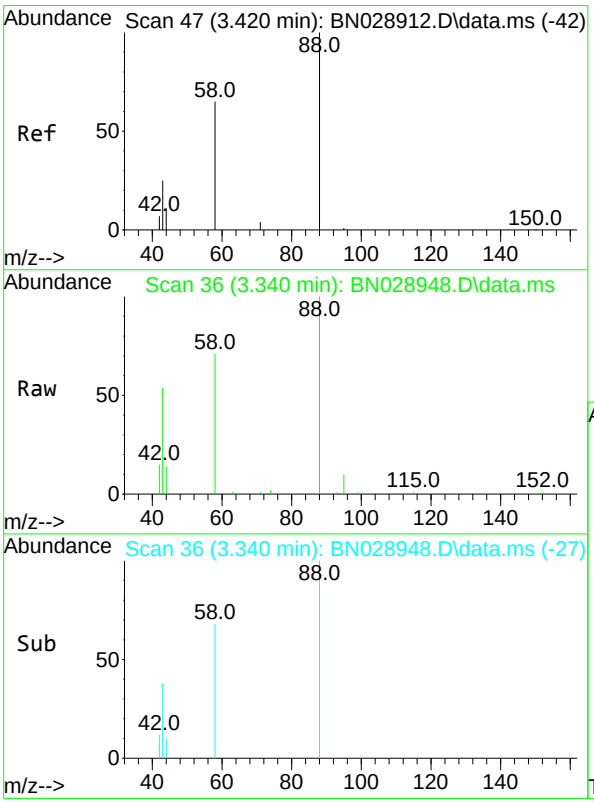
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.797 min Scan# 6
Delta R.T. -0.014 min
Lab File: BN028948.D
Acq: 01 Dec 2023 15:29

Instrument :
BNA_N
ClientSampleId :
RE115D2-20231107

Tgt Ion:152 Resp: 4421

Ion	Ratio	Lower	Upper
152	100		
150	155.0	123.4	185.2
115	74.0	59.1	88.7

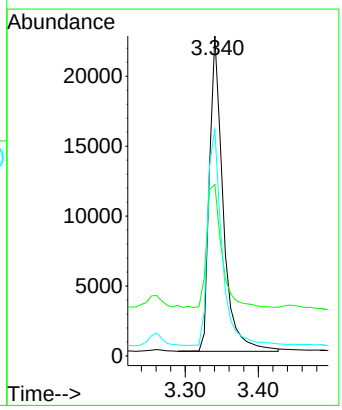


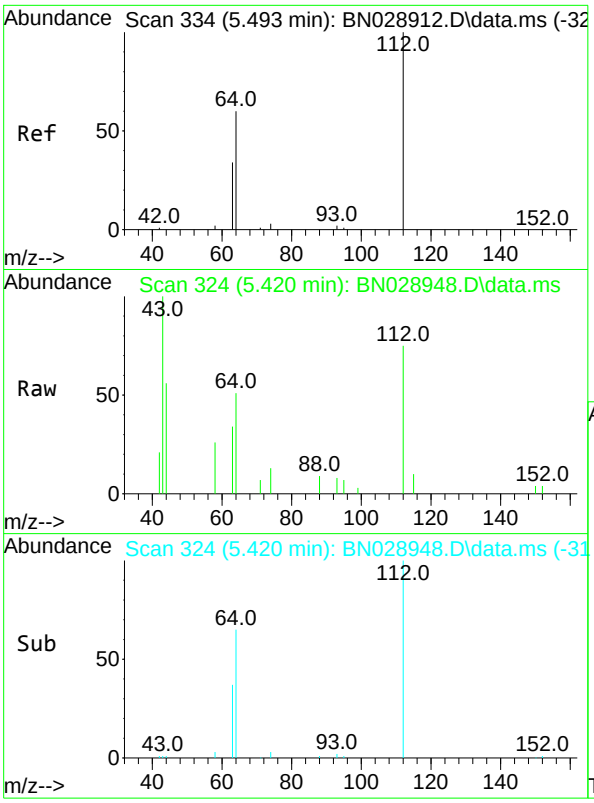


#2
1,4-Dioxane
Concen: 6.767 ng
RT: 3.340 min Scan# 36
Delta R.T. -0.036 min
Lab File: BN028948.D
Acq: 01 Dec 2023 15:29

Tgt Ion: 88 Resp: 29300

Ion	Ratio	Lower	Upper
88	100		
43	42.5	29.9	44.9
58	71.8	55.0	82.4



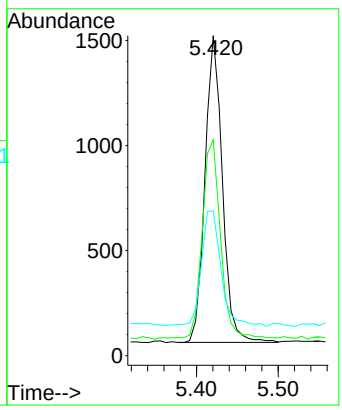


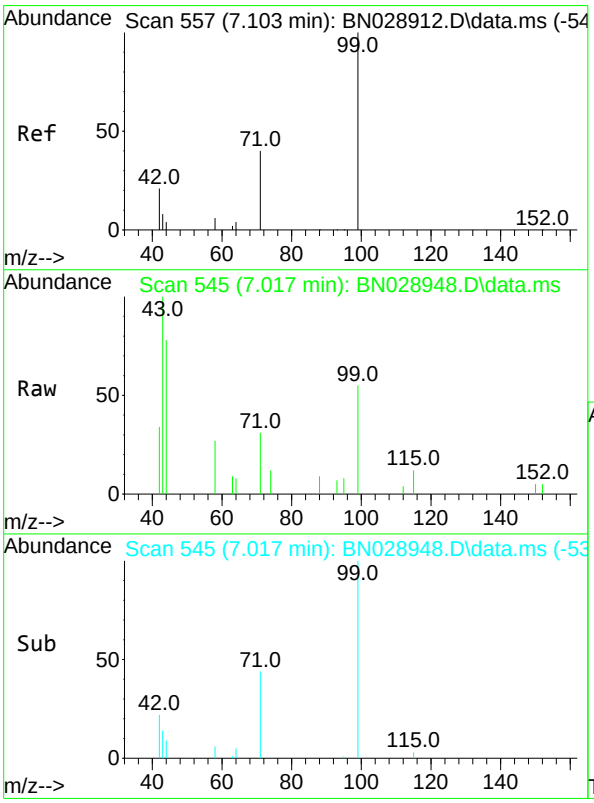
#4
2-Fluorophenol
Concen: 0.162 ng
RT: 5.420 min Scan# 3
Delta R.T. -0.029 min
Lab File: BN028948.D
Acq: 01 Dec 2023 15:29

Instrument :
BNA_N
ClientSampleId :
RE115D2-20231107

Tgt Ion:112 Resp: 2165

Ion	Ratio	Lower	Upper
112	100		
64	66.8	51.5	77.3
63	42.7	30.4	45.6

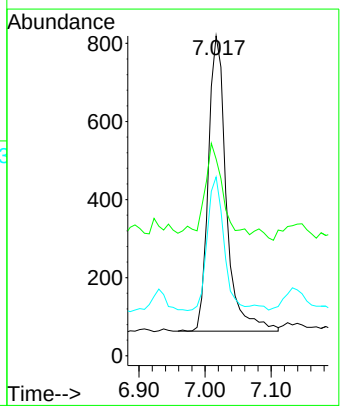


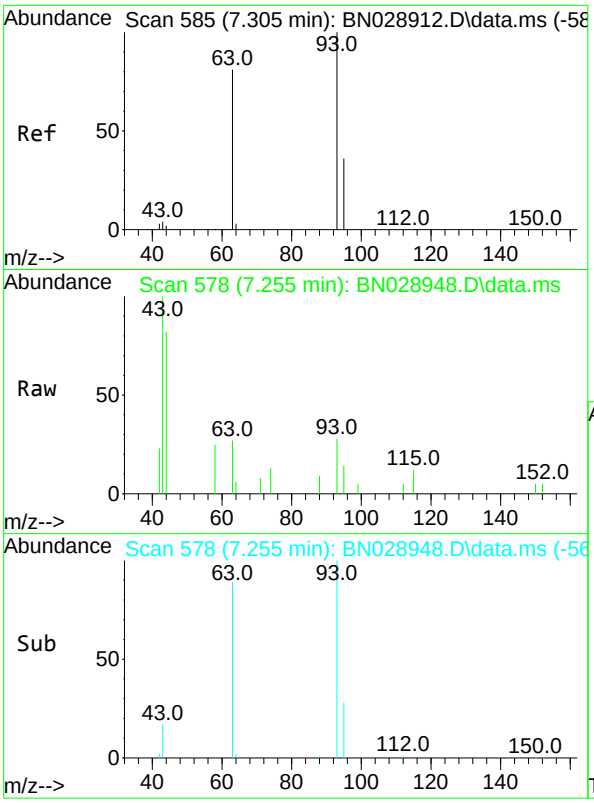


#5
Phenol-d6
Concen: 0.096 ng
RT: 7.017 min Scan# 545
Delta R.T. -0.029 min
Lab File: BN028948.D
Acq: 01 Dec 2023 15:29

Tgt Ion: 99 Resp: 1428

Ion	Ratio	Lower	Upper
99	100		
42	29.5	21.2	31.8
71	41.6	35.4	53.0



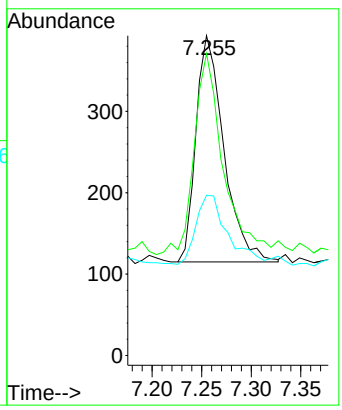


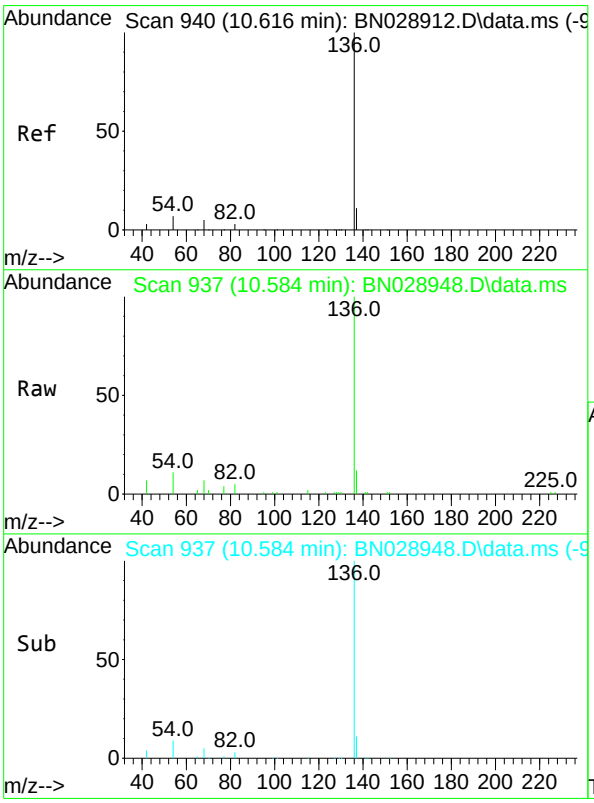
#6
bis(2-Chloroethyl)ether
Concen: 0.044 ng
RT: 7.255 min Scan# 5
Delta R.T. -0.022 min
Lab File: BN028948.D
Acq: 01 Dec 2023 15:29

Instrument :
BNA_N
ClientSampleId :
RE115D2-20231107

Tgt Ion: 93 Resp: 546

Ion	Ratio	Lower	Upper
93	100		
63	94.0	66.9	100.3
95	34.2	28.2	42.4

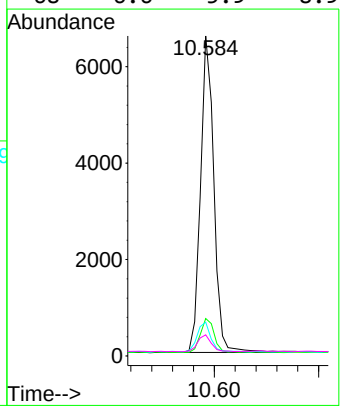


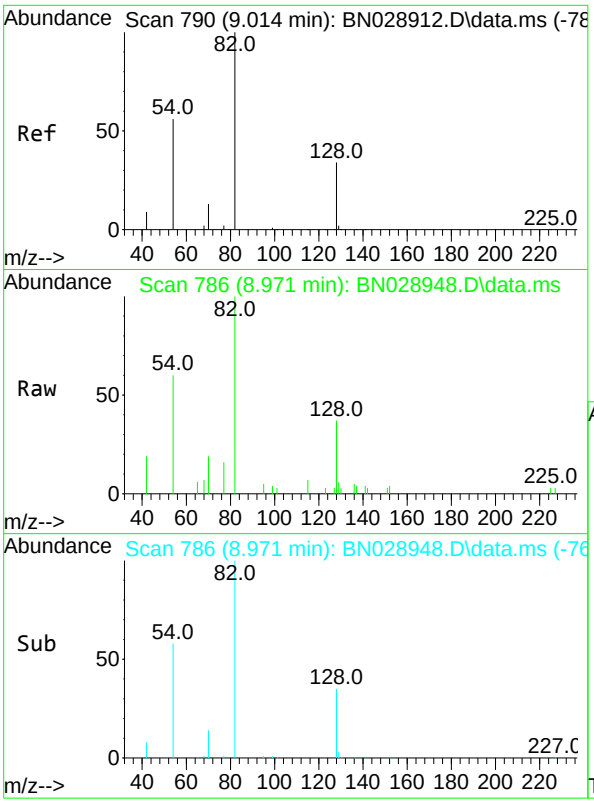


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.584 min Scan# 937
Delta R.T. -0.011 min
Lab File: BN028948.D
Acq: 01 Dec 2023 15:29

Tgt Ion:136 Resp: 11643

Ion	Ratio	Lower	Upper
136	100		
137	11.7	10.6	16.0
54	10.5	7.5	11.3
68	6.6	5.9	8.9



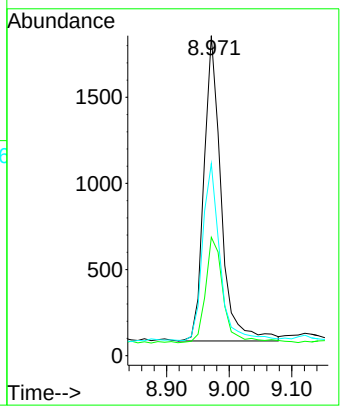


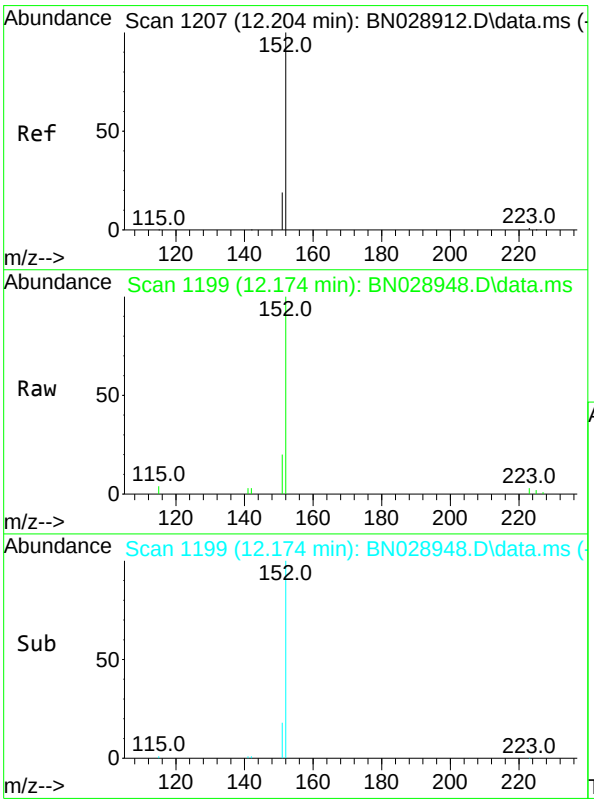
#8
Nitrobenzene-d5
Concen: 0.293 ng
RT: 8.971 min Scan# 7
Delta R.T. -0.011 min
Lab File: BN028948.D
Acq: 01 Dec 2023 15:29

Instrument :
BNA_N
ClientSampleId :
RE115D2-20231107

Tgt Ion: 82 Resp: 3386

Ion	Ratio	Lower	Upper
82	100		
128	37.0	29.2	43.8
54	60.0	47.0	70.6

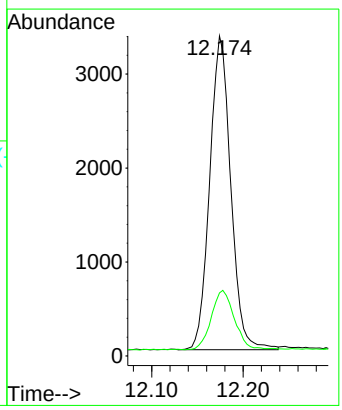


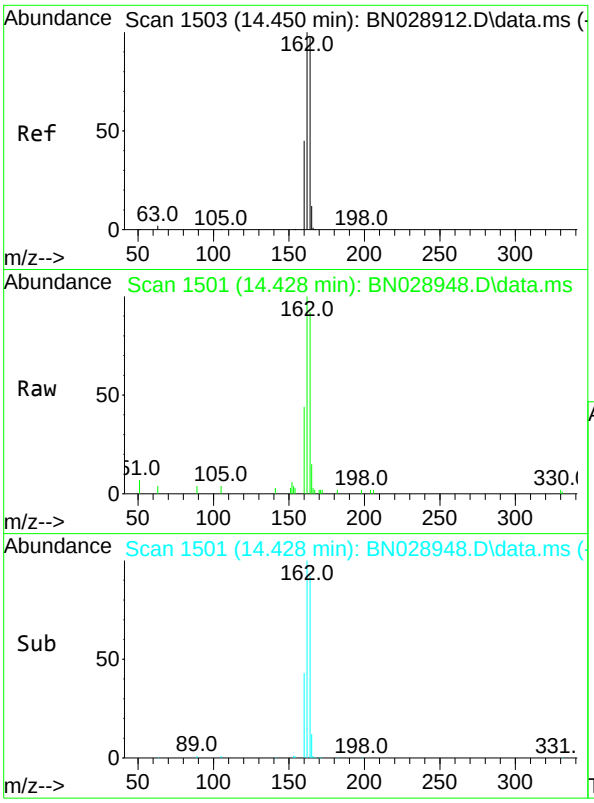


#11
2-Methylnaphthalene-d10
Concen: 0.286 ng
RT: 12.174 min Scan# 1199
Delta R.T. -0.011 min
Lab File: BN028948.D
Acq: 01 Dec 2023 15:29

Tgt Ion:152 Resp: 5352

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.7	25.1



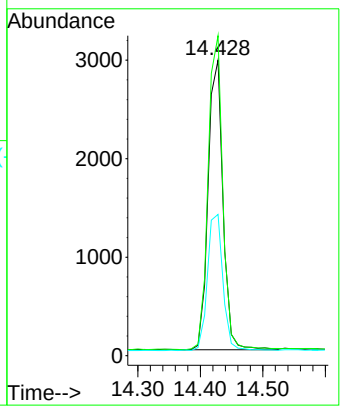


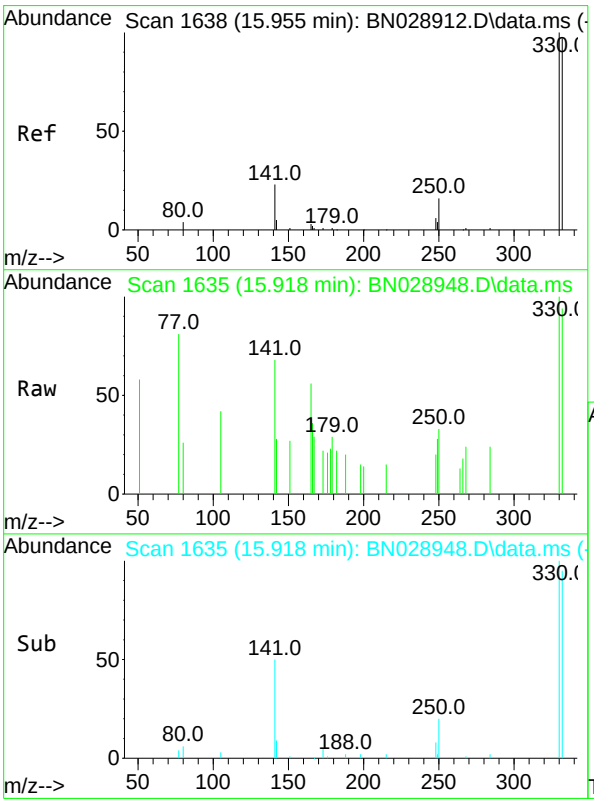
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.428 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028948.D
Acq: 01 Dec 2023 15:29

Instrument :
BNA_N
ClientSampleId :
RE115D2-20231107

Tgt Ion:164 Resp: 4844

Ion	Ratio	Lower	Upper
164	100		
162	108.3	81.7	122.5
160	47.8	37.0	55.6

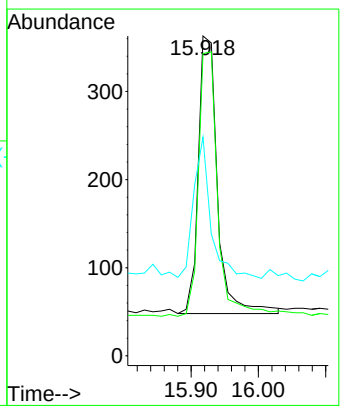


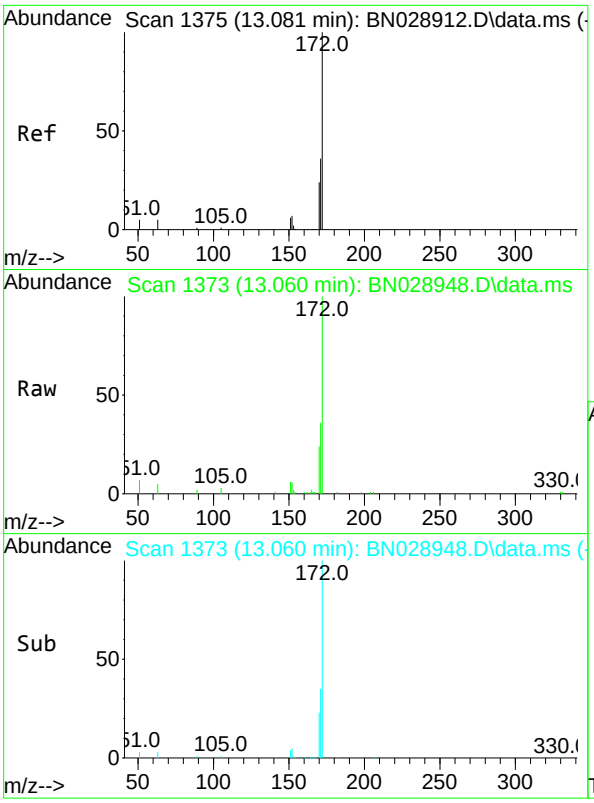


#14
2,4,6-Tribromophenol
Concen: 0.191 ng
RT: 15.918 min Scan# 1635
Delta R.T. -0.012 min
Lab File: BN028948.D
Acq: 01 Dec 2023 15:29

Tgt Ion:330 Resp: 626

Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.4	113.2
141	45.2	35.7	53.5



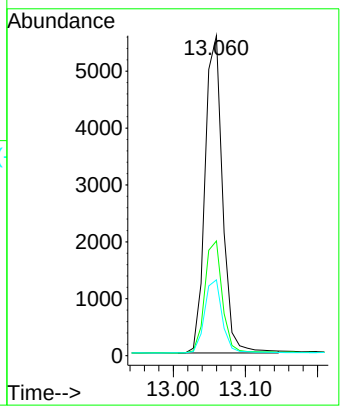


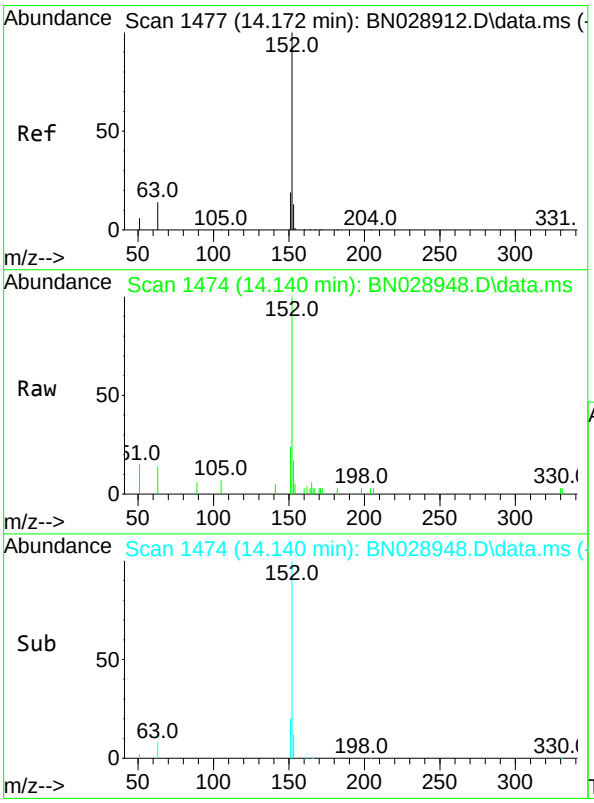
#15
2-Fluorobiphenyl
Concen: 0.451 ng
RT: 13.060 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN028948.D
Acq: 01 Dec 2023 15:29

Instrument :
BNA_N
ClientSampleId :
RE115D2-20231107

Tgt Ion:172 Resp: 9435

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.4
170	23.7	19.7	29.5

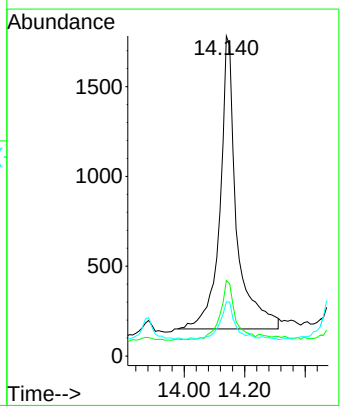


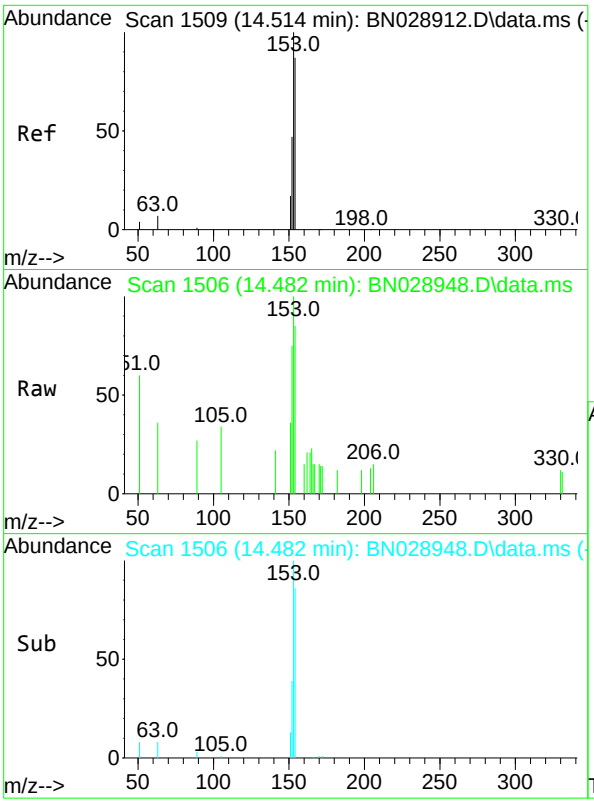


#16
Acenaphthylene
Concen: 0.244 ng
RT: 14.140 min Scan# 1474
Delta R.T. -0.011 min
Lab File: BN028948.D
Acq: 01 Dec 2023 15:29

Tgt Ion:152 Resp: 6254

Ion	Ratio	Lower	Upper
152	100		
151	18.2	15.9	23.9
153	12.0	10.8	16.2



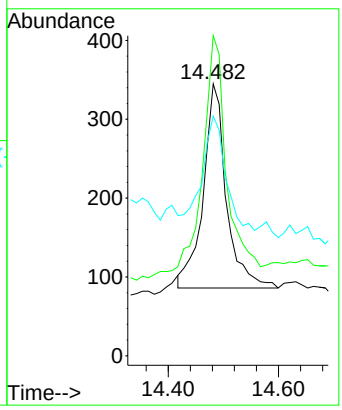


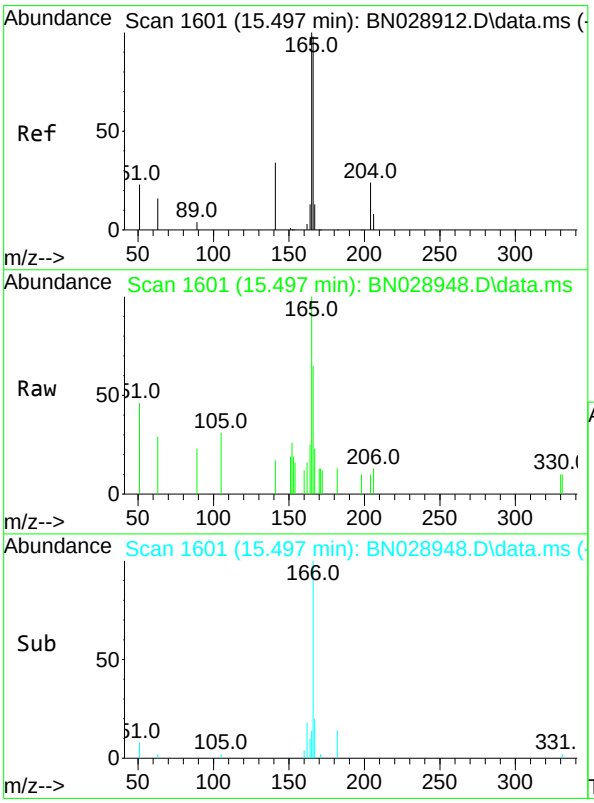
#17
Acenaphthene
Concen: 0.044 ng
RT: 14.482 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN028948.D
Acq: 01 Dec 2023 15:29

Instrument :
BNA_N
ClientSampleId :
RE115D2-20231107

Tgt Ion:154 Resp: 756

Ion	Ratio	Lower	Upper
154	100		
153	106.7	93.8	140.6
152	55.6	44.5	66.7

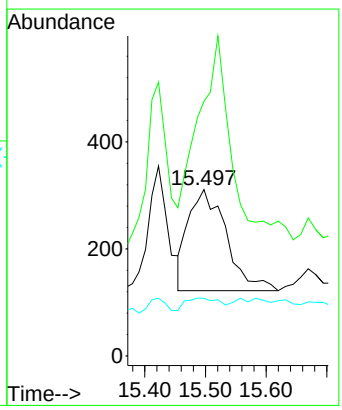


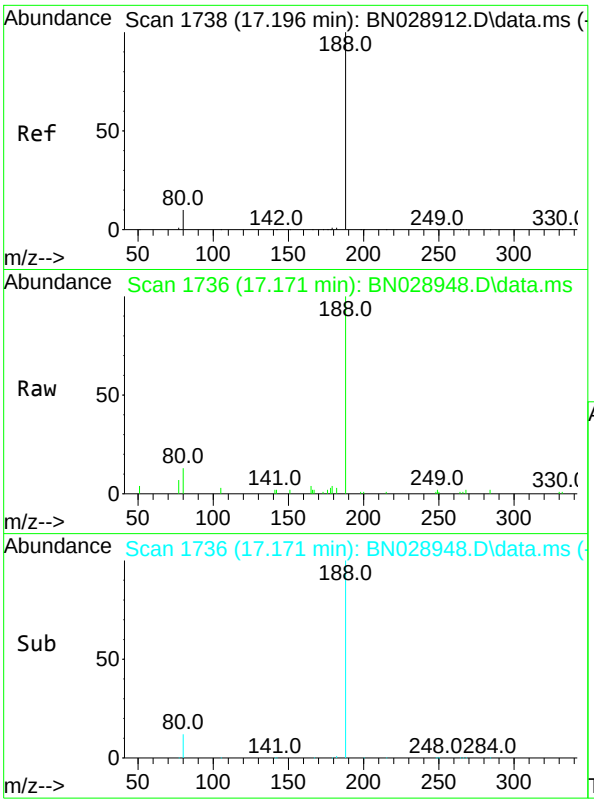


#18
Fluorene
Concen: 0.040 ng
RT: 15.497 min Scan# 1601
Delta R.T. 0.011 min
Lab File: BN028948.D
Acq: 01 Dec 2023 15:29

Tgt Ion:166 Resp: 852

Ion	Ratio	Lower	Upper
166	100		
165	0.0	79.4	119.2#
167	10.3	11.0	16.4#



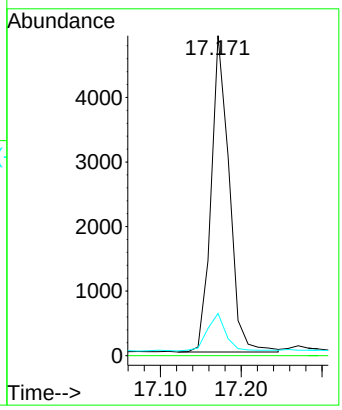


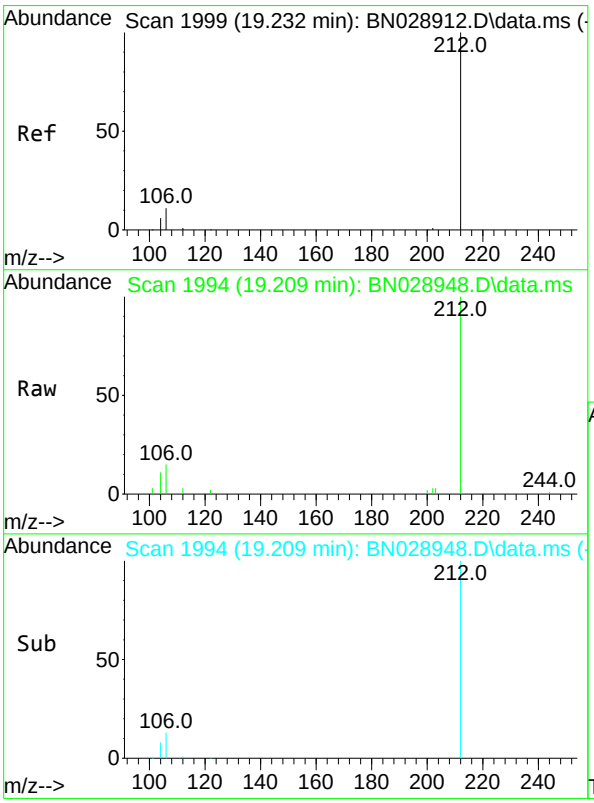
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.171 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN028948.D
Acq: 01 Dec 2023 15:29

Instrument :
BNA_N
ClientSampleId :
RE115D2-20231107

Tgt Ion:188 Resp: 7593

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.2	9.0	13.6

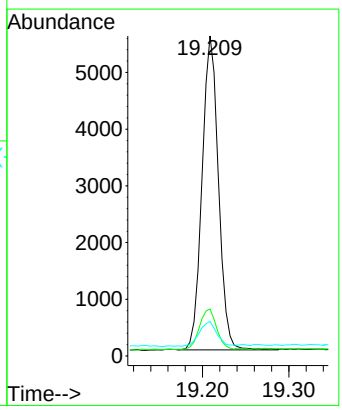


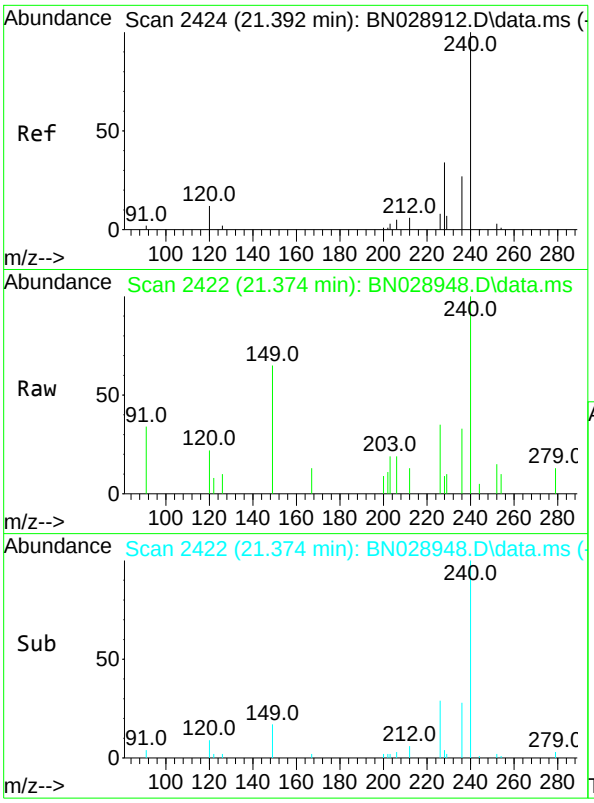


#27
Fluoranthene-d10
Concen: 0.367 ng
RT: 19.209 min Scan# 1994
Delta R.T. -0.005 min
Lab File: BN028948.D
Acq: 01 Dec 2023 15:29

Tgt Ion:212 Resp: 7321

Ion	Ratio	Lower	Upper
212	100		
106	13.7	9.4	14.2
104	8.3	6.2	9.2



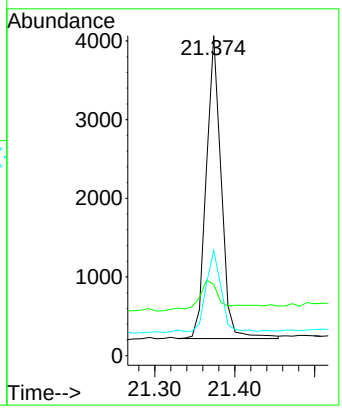


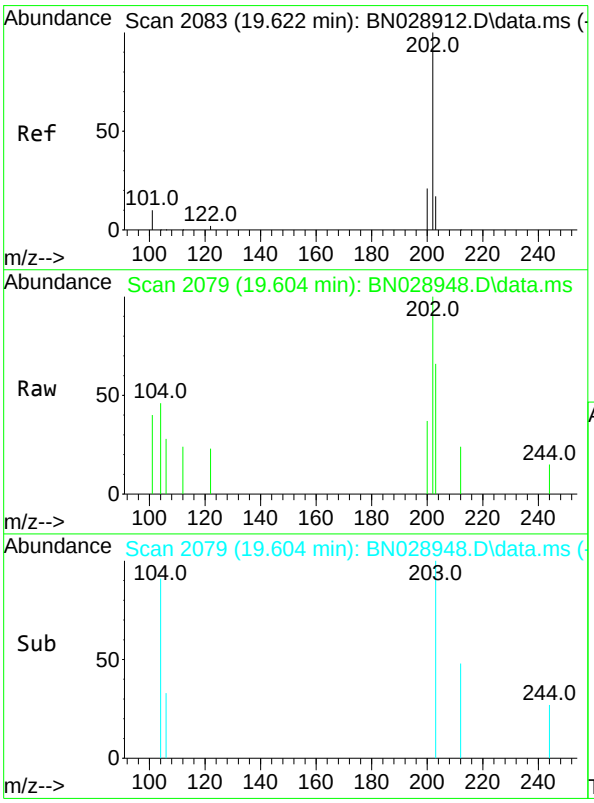
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.374 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN028948.D
Acq: 01 Dec 2023 15:29

Instrument :
BNA_N
ClientSampleId :
RE115D2-20231107

Tgt Ion:240 Resp: 5005

Ion	Ratio	Lower	Upper
240	100		
120	22.3	37.1	55.7#
236	32.9	32.4	48.6

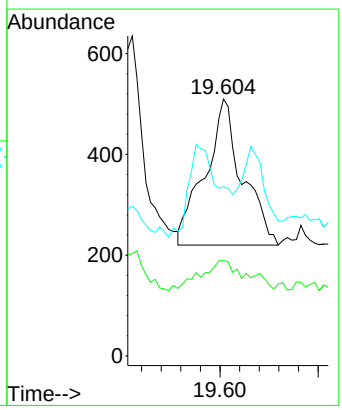


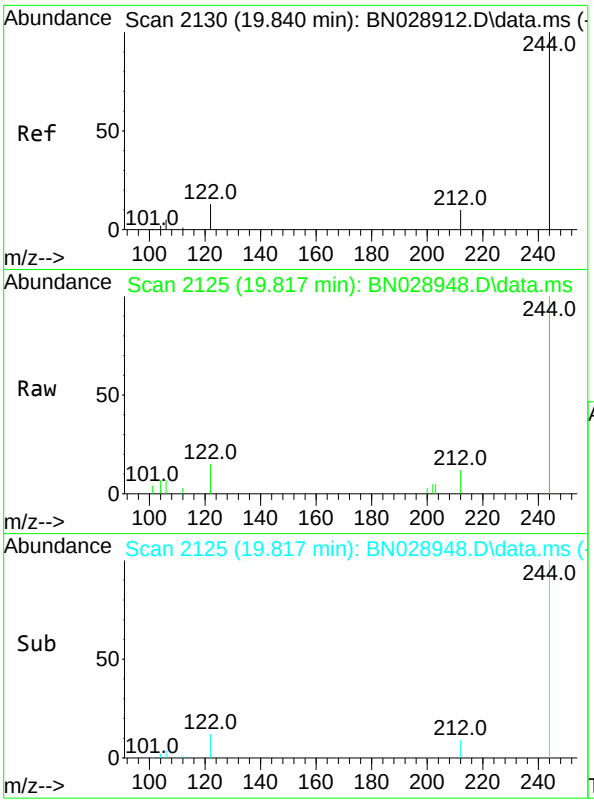


#30
Pyrene
Concen: 0.114 ng
RT: 19.604 min Scan# 2079
Delta R.T. -0.005 min
Lab File: BN028948.D
Acq: 01 Dec 2023 15:29

Tgt Ion:202 Resp: 767

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	0.0	14.8	22.2#



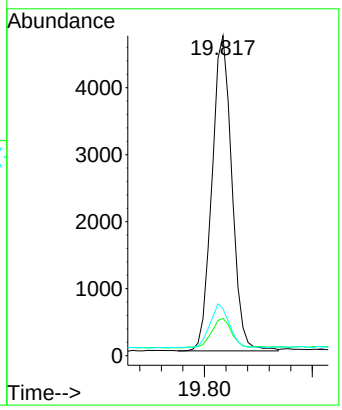


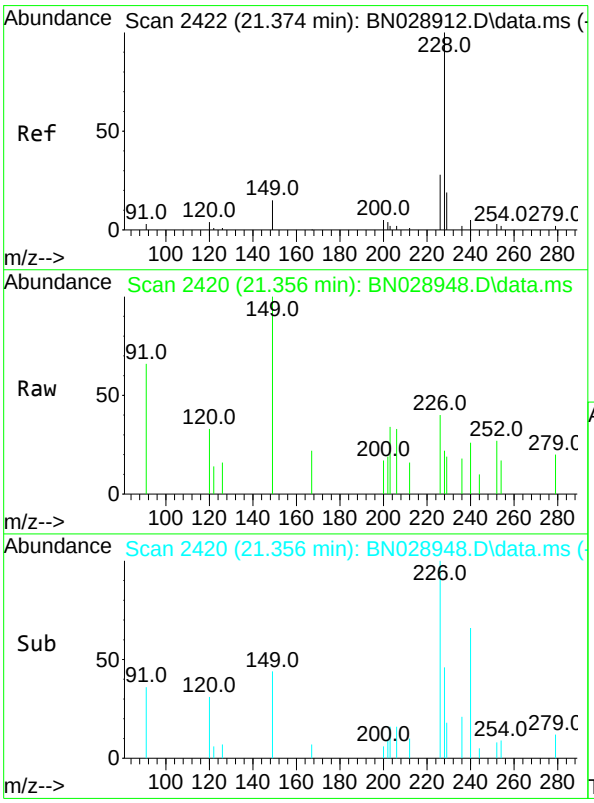
#31
Terphenyl-d14
Concen: 0.414 ng
RT: 19.817 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN028948.D
Acq: 01 Dec 2023 15:29

Instrument :
BNA_N
ClientSampleId :
RE115D2-20231107

Tgt Ion:244 Resp: 6018

Ion	Ratio	Lower	Upper
244	100		
212	11.7	11.5	17.3
122	14.7	13.2	19.8

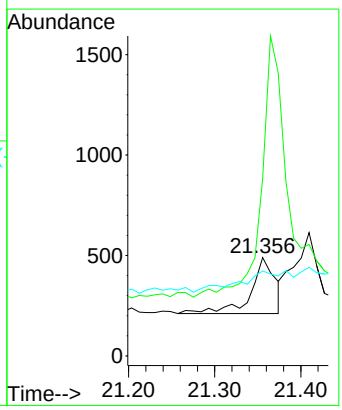


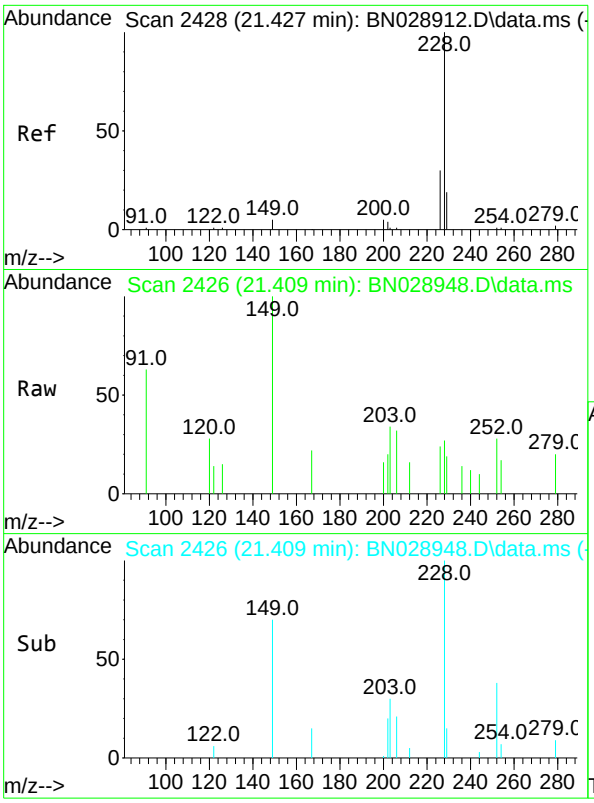


#32
Benzo(a)anthracene
Concen: 0.026 ng
RT: 21.356 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BN028948.D
Acq: 01 Dec 2023 15:29

Tgt Ion:228 Resp: 552

Ion	Ratio	Lower	Upper
228	100		
226	180.4	26.5	39.7#
229	86.3	16.4	24.6#



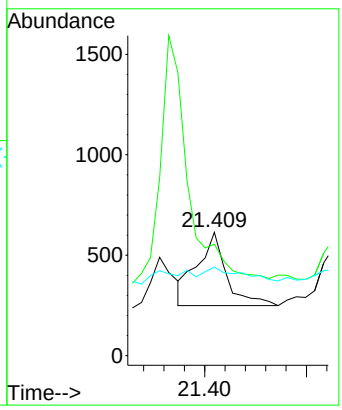


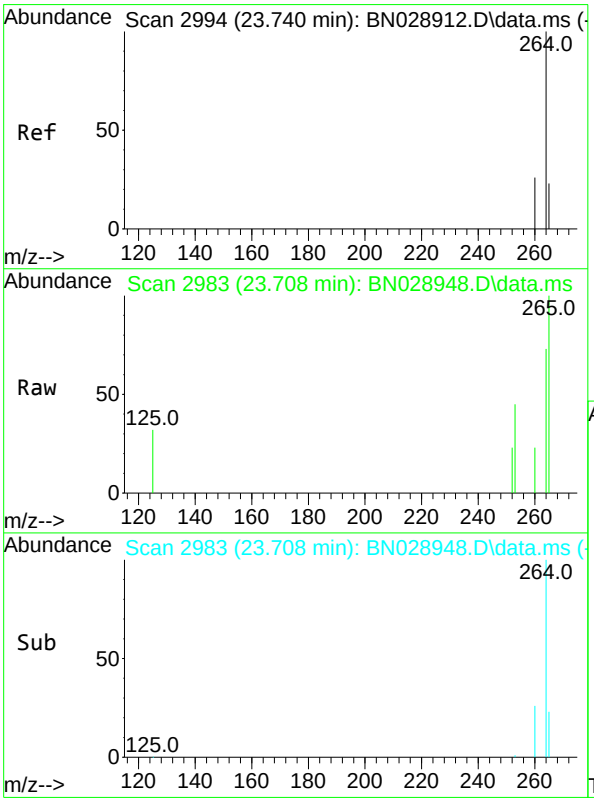
#33
Chrysene
Concen: 0.035 ng
RT: 21.409 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN028948.D
Acq: 01 Dec 2023 15:29

Instrument :
BNA_N
ClientSampleId :
RE115D2-20231107

Tgt Ion:228 Resp: 736

Ion	Ratio	Lower	Upper
228	100		
226	90.4	28.3	42.5#
229	71.8	16.4	24.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.708 min Scan# 2983
Delta R.T. -0.006 min
Lab File: BN028948.D
Acq: 01 Dec 2023 15:29

Tgt Ion:264 Resp: 4920

Ion	Ratio	Lower	Upper
264	100		
260	31.2	20.6	30.8#
265	136.6	464.5	696.7#