Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051024\
Data File : BN031483.D
Acq On : 11 May 2024 04:28
Operator : MA/JU
Sample : P2319-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TEST-2-T42

Quant Time: May 11 04:56:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 02:12:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	12281	0.400	ng	0.00
7) Naphthalene-d8	10.496	136	39113	0.400	ng	# 0.00
13) Acenaphthene-d10	14.338	164	22378	0.400	ng	-0.01
19) Phenanthrene-d10	17.078	188	51644	0.400	ng	#-0.01
29) Chrysene-d12	21.265	240	43898	0.400	ng	0.00
35) Perylene-d12	23.505	264	38986	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.299	112	3323	0.095	ng	0.00
5) Phenol-d6	6.866	99	2694	0.057	ng	0.00
8) Nitrobenzene-d5	8.852	82	7641	0.272	ng	-0.01
11) 2-Methylnaphthalene-d10	12.085	152	16039	0.254	ng	0.00
14) 2,4,6-Tribromophenol	15.825	330	2085	0.246	ng	-0.01
15) 2-Fluorobiphenyl	12.970	172	24199	0.280	ng	-0.01
27) Fluoranthene-d10	19.114	212	45268	0.316	ng	0.00
31) Terphenyl-d14	19.723	244	33986	0.316	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	2539	0.168	ng	# 20
33) Chrysene	21.300	228	3387	0.021	ng	95
34) Bis(2-ethylhexyl)phtha...	21.202	149	12305	0.124	ng	98
37) Benzo(b)fluoranthene	22.832	252	2950	0.021	ng	# 36
38) Benzo(k)fluoranthene	22.876	252	2826	0.021	ng	# 29

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051024\
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Sample : P2319-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
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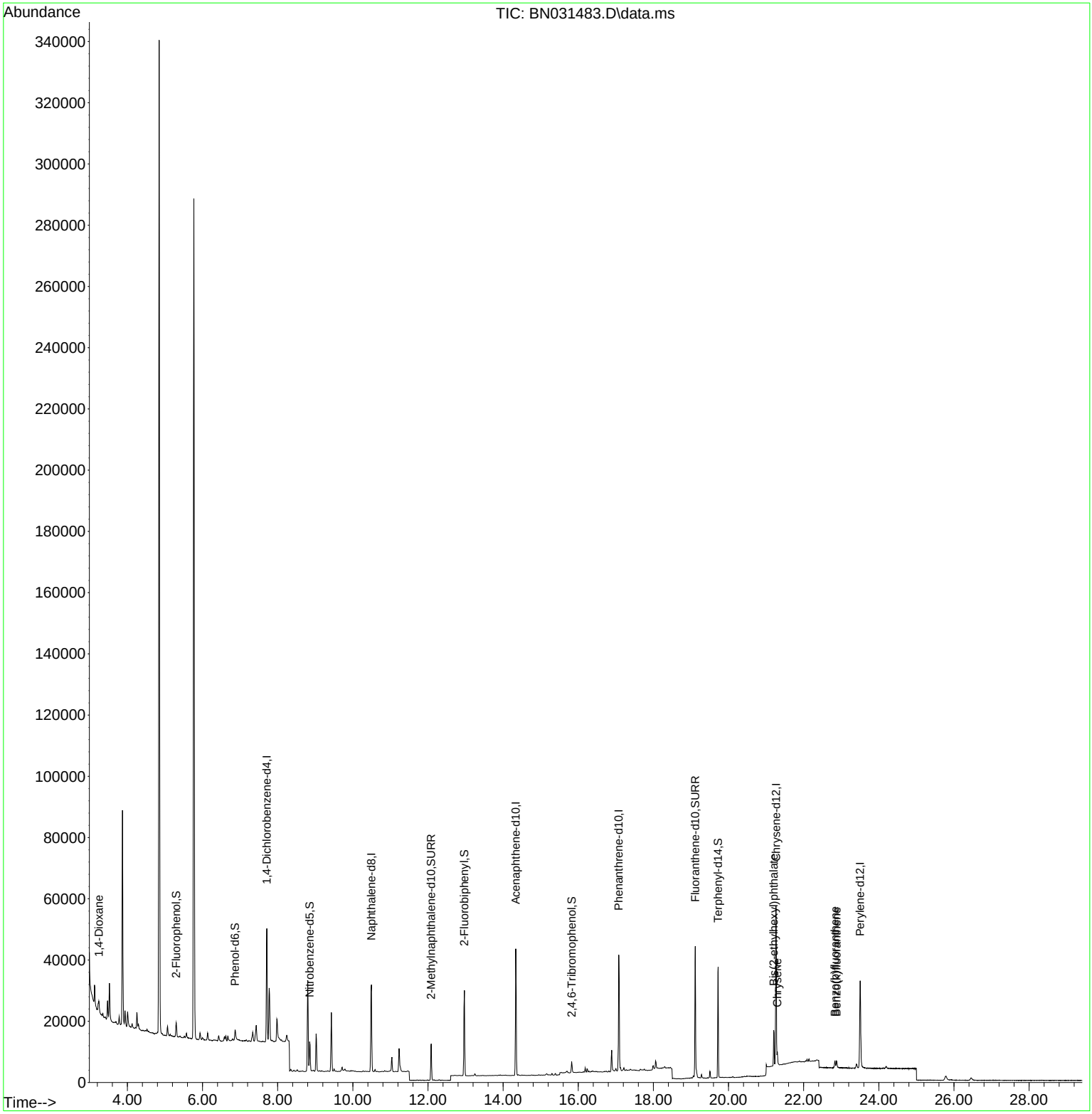
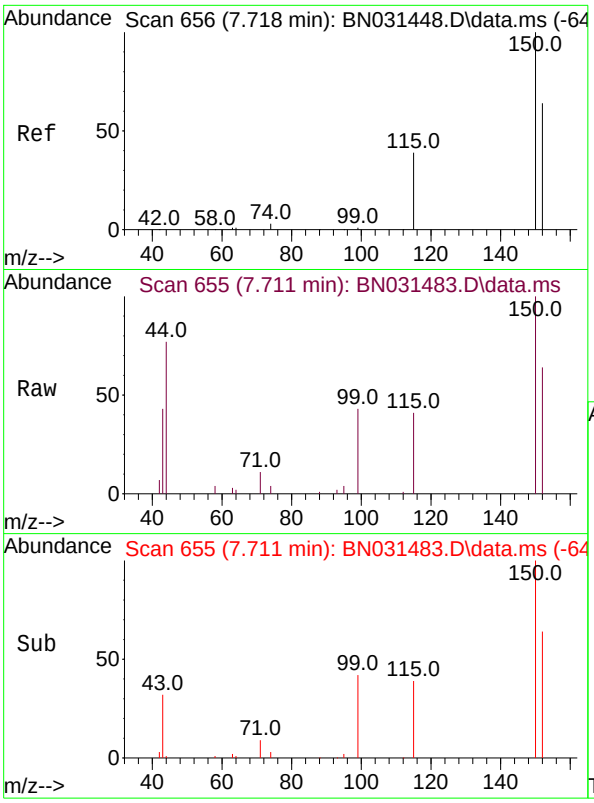
TEST-2-T42

Quant Time: May 11 04:56:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 02:12:24 2024
Response via : Initial Calibration



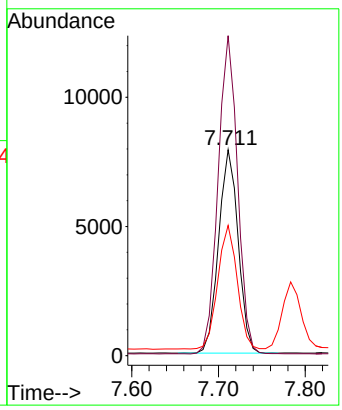


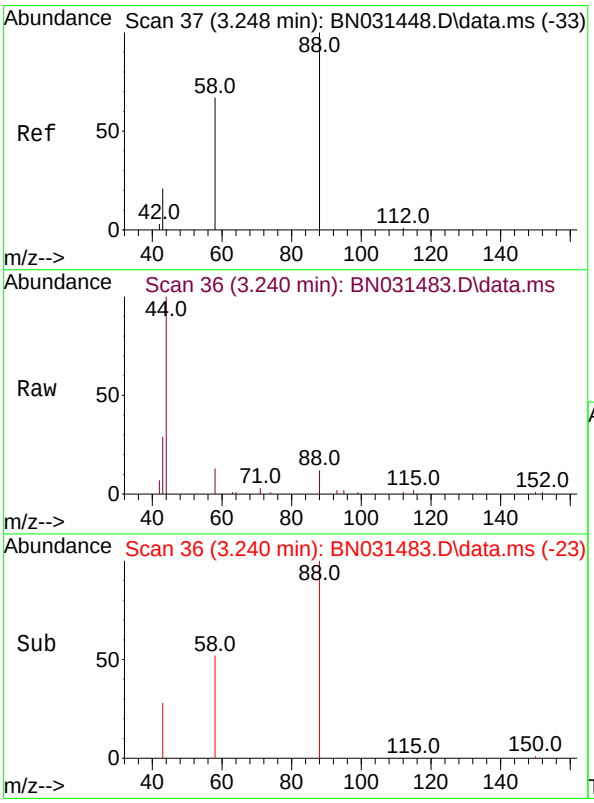
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.711 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN031483.D
Acq: 11 May 2024 04:28

Instrument :
BNA_N
ClientSampleId :
TEST-2-T42

Tgt Ion:152 Resp: 12281

Ion	Ratio	Lower	Upper
152	100		
150	155.4	119.3	178.9
115	63.2	54.8	82.2

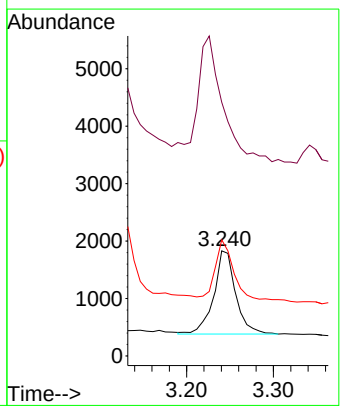


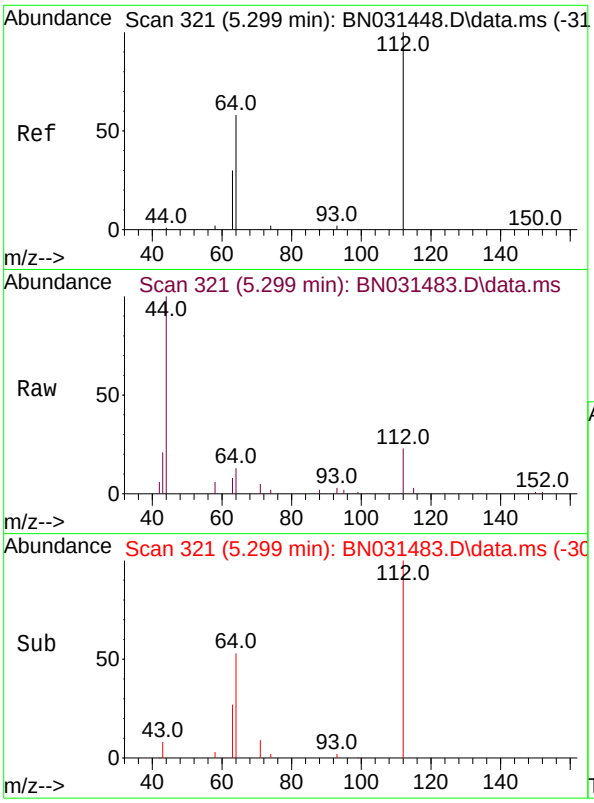


#2
1,4-Dioxane
Concen: 0.168 ng
RT: 3.240 min Scan# 36
Delta R.T. -0.007 min
Lab File: BN031483.D
Acq: 11 May 2024 04:28

Tgt Ion: 88 Resp: 2539

Ion	Ratio	Lower	Upper
88	100		
43	170.5	39.0	58.6#
58	60.1	54.9	82.3



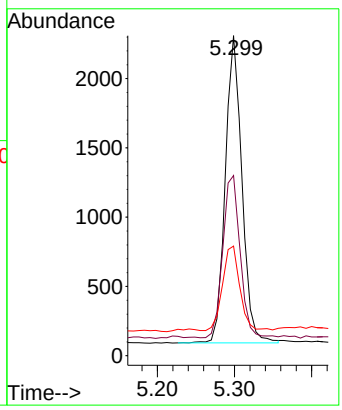


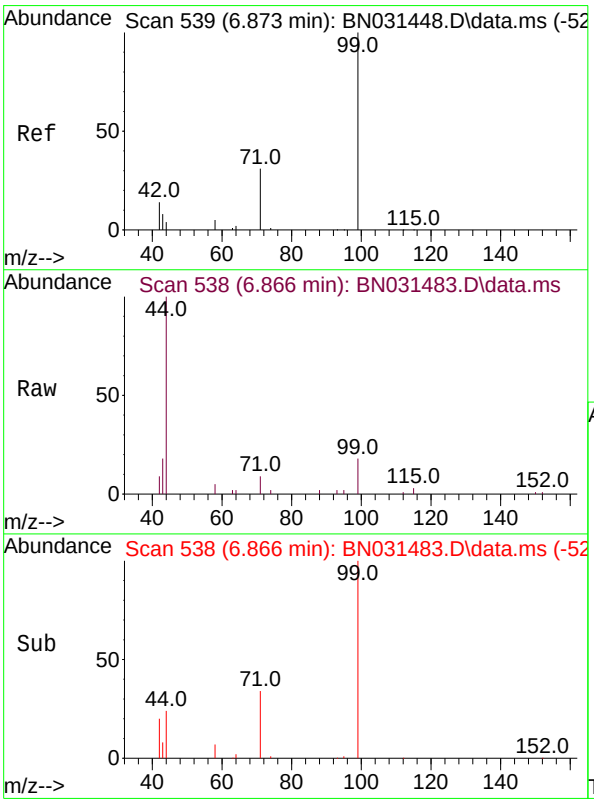
#4
2-Fluorophenol
Concen: 0.095 ng
RT: 5.299 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN031483.D
Acq: 11 May 2024 04:28

Instrument :
BNA_N
ClientSampleId :
TEST-2-T42

Tgt Ion:112 Resp: 3323

Ion	Ratio	Lower	Upper
112	100		
64	55.2	44.0	66.0
63	28.9	22.2	33.4

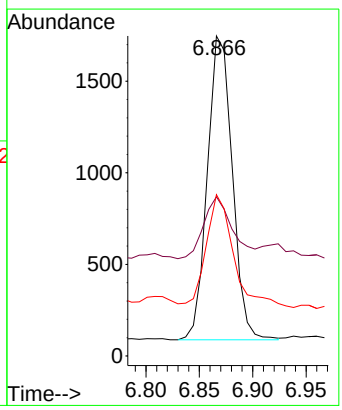


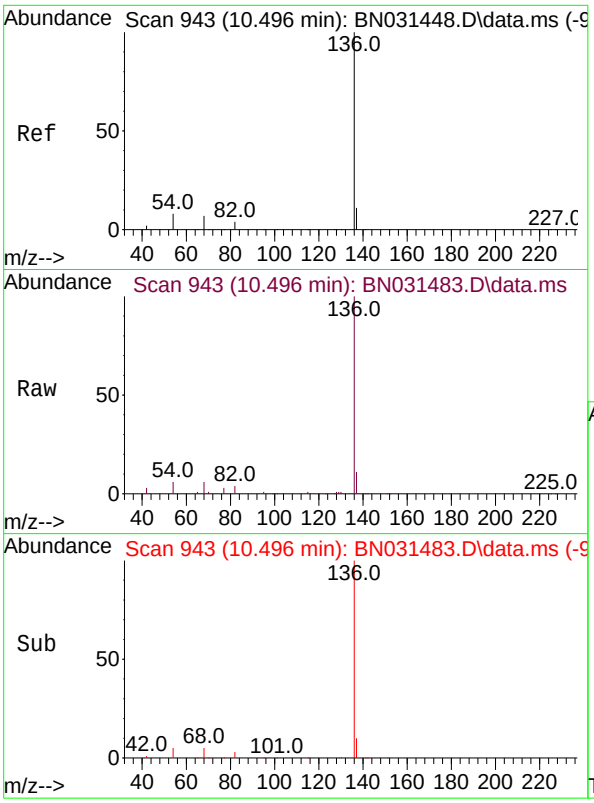


#5
Phenol-d6
Concen: 0.057 ng
RT: 6.866 min Scan# 538
Delta R.T. -0.007 min
Lab File: BN031483.D
Acq: 11 May 2024 04:28

Tgt Ion: 99 Resp: 2694

Ion	Ratio	Lower	Upper
99	100		
42	23.4	13.5	20.3#
71	41.1	26.1	39.1#



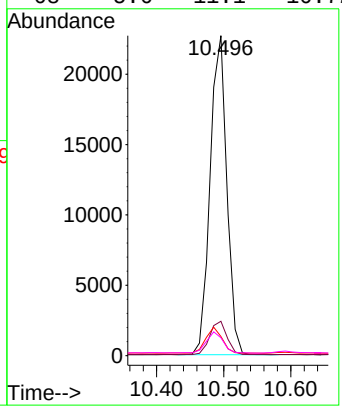


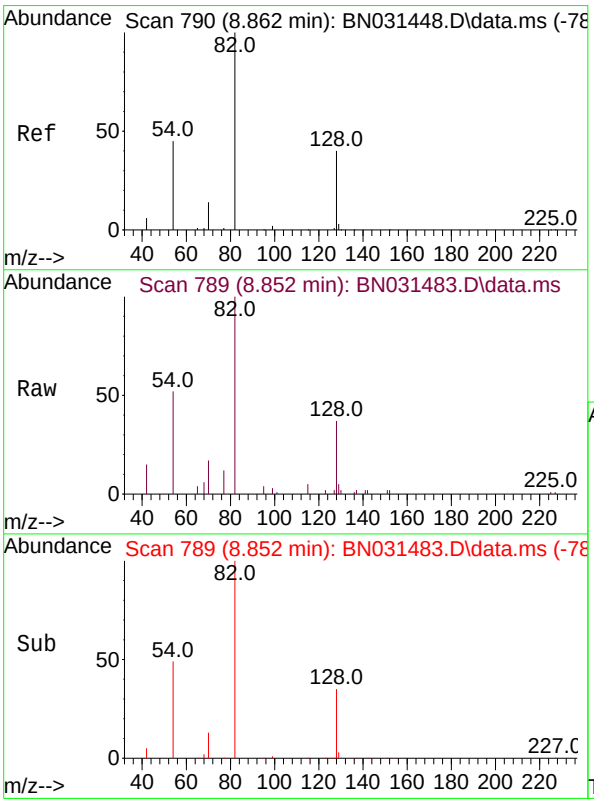
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.496 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN031483.D
Acq: 11 May 2024 04:28

Instrument :
BNA_N
ClientSampleId :
TEST-2-T42

Tgt Ion:136 Resp: 39113

Ion	Ratio	Lower	Upper
136	100		
137	10.7	10.1	15.1
54	6.0	10.5	15.7#
68	5.6	11.1	16.7#

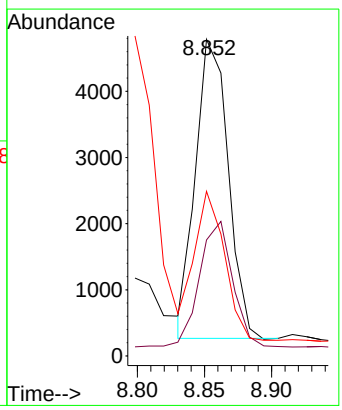


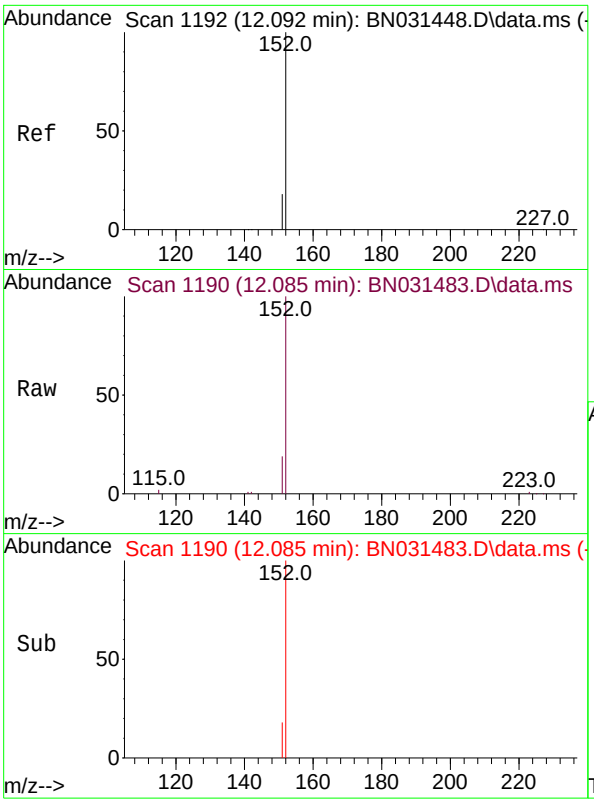


#8
Nitrobenzene-d5
Concen: 0.272 ng
RT: 8.852 min Scan# 789
Delta R.T. -0.011 min
Lab File: BN031483.D
Acq: 11 May 2024 04:28

Tgt Ion: 82 Resp: 7641

Ion	Ratio	Lower	Upper
82	100		
128	36.6	29.0	43.6
54	52.0	37.2	55.8



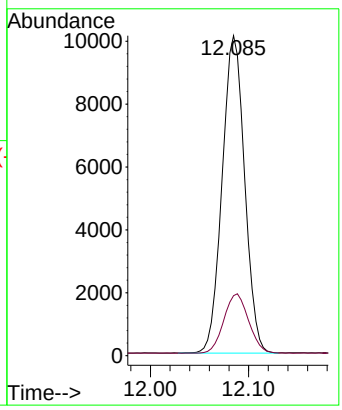


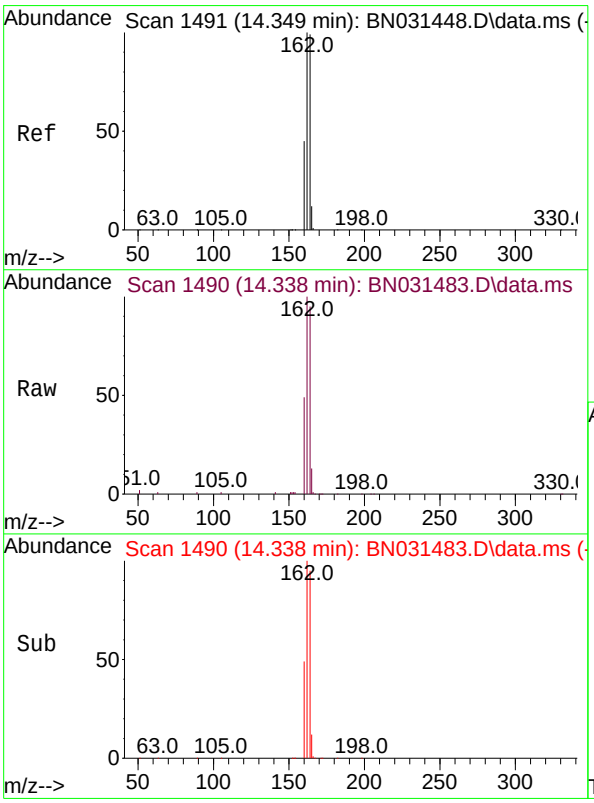
#11
2-Methylnaphthalene-d10
Concen: 0.254 ng
RT: 12.085 min Scan# 11
Delta R.T. -0.008 min
Lab File: BN031483.D
Acq: 11 May 2024 04:28

Instrument :
BNA_N
ClientSampleId :
TEST-2-T42

Tgt Ion:152 Resp: 16039

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.6	25.0

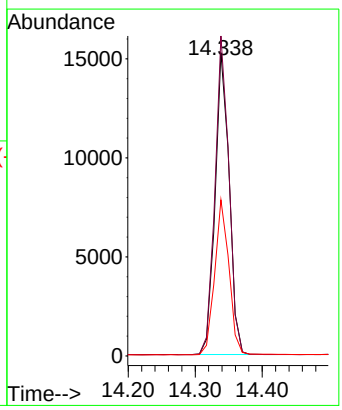


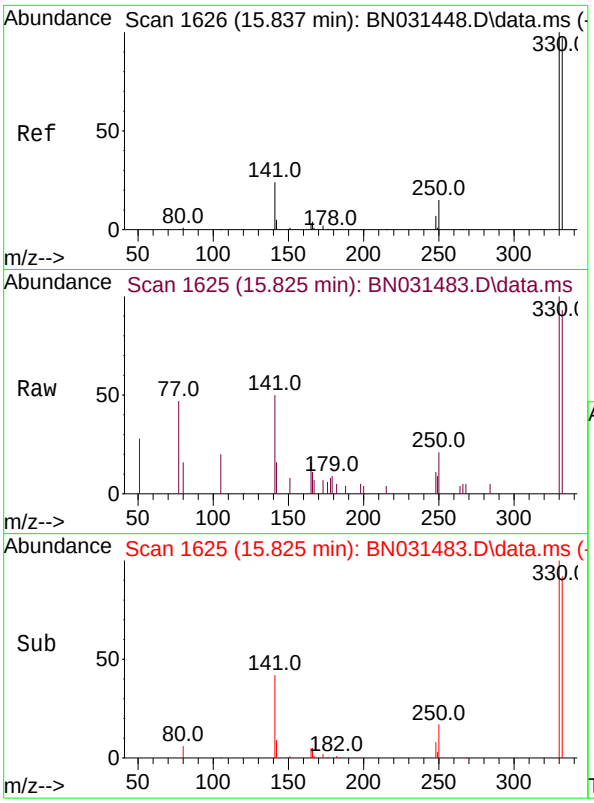


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.338 min Scan# 1490
Delta R.T. -0.011 min
Lab File: BN031483.D
Acq: 11 May 2024 04:28

Tgt Ion:164 Resp: 22378

Ion	Ratio	Lower	Upper
164	100		
162	105.5	81.2	121.8
160	51.5	37.0	55.6



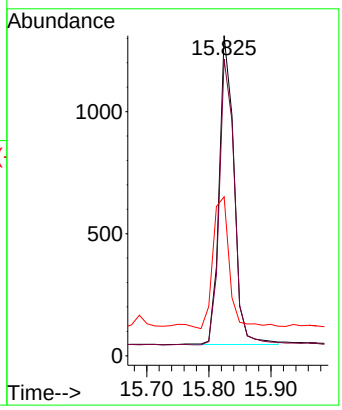


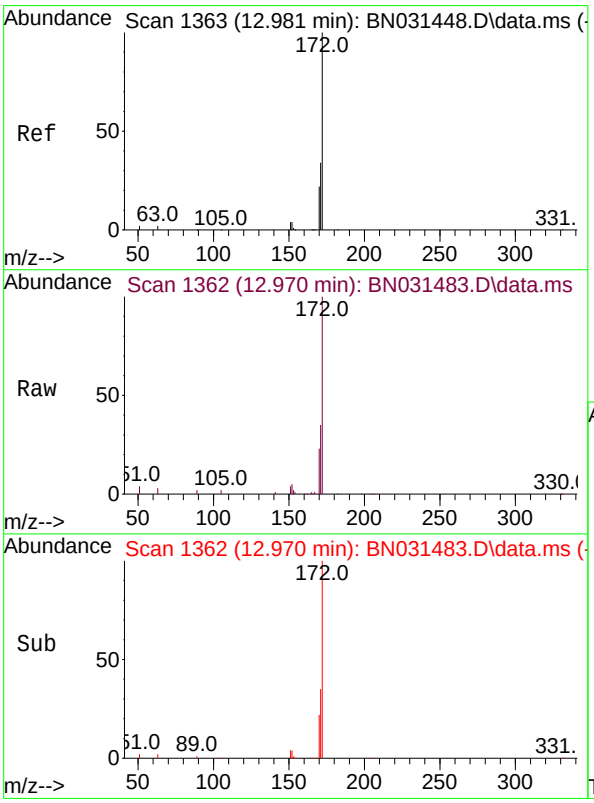
#14
2,4,6-Tribromophenol
Concen: 0.246 ng
RT: 15.825 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN031483.D
Acq: 11 May 2024 04:28

Instrument :
BNA_N
ClientSampleId :
TEST-2-T42

Tgt Ion:330 Resp: 2085

Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	114.8
141	45.7	37.0	55.4

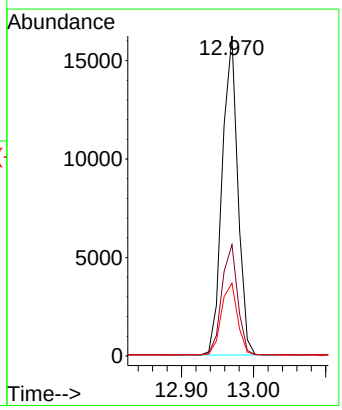


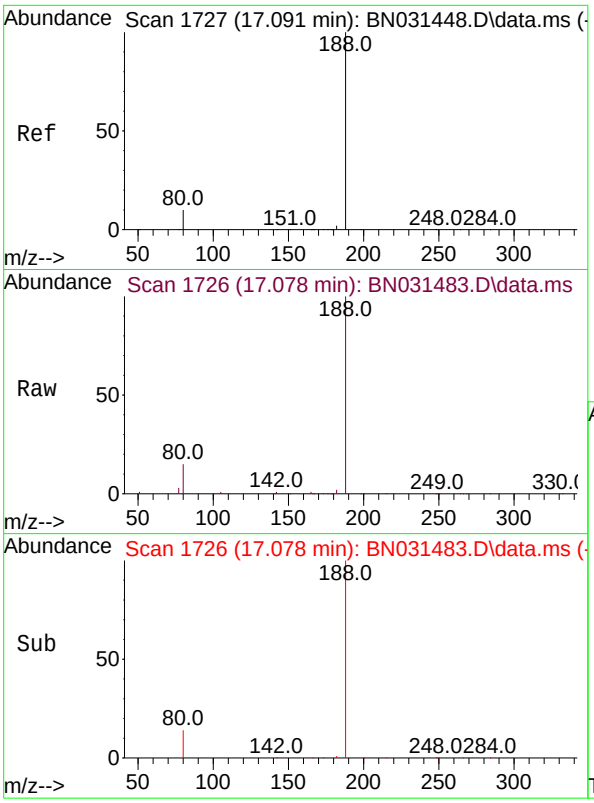


#15
2-Fluorobiphenyl
Concen: 0.280 ng
RT: 12.970 min Scan# 1362
Delta R.T. -0.011 min
Lab File: BN031483.D
Acq: 11 May 2024 04:28

Tgt Ion:172 Resp: 24199

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.8
170	22.7	18.3	27.5



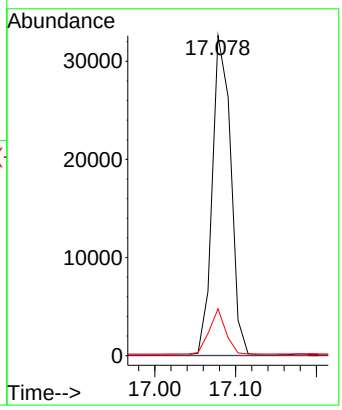


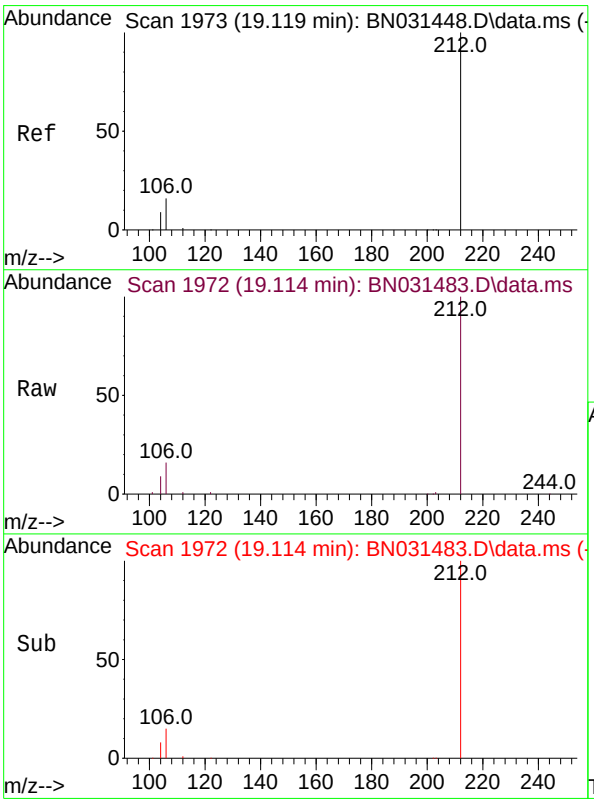
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.078 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN031483.D
Acq: 11 May 2024 04:28

Instrument :
BNA_N
ClientSampleId :
TEST-2-T42

Tgt Ion:188 Resp: 51644

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.7	9.6	14.4#

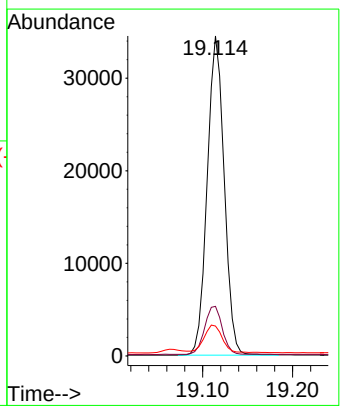


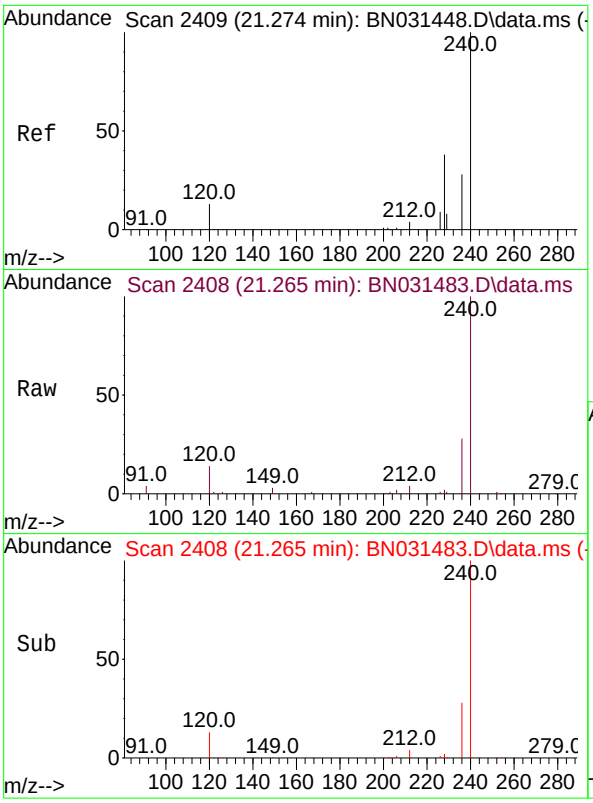


#27
Fluoranthene-d10
Concen: 0.316 ng
RT: 19.114 min Scan# 1972
Delta R.T. -0.005 min
Lab File: BN031483.D
Acq: 11 May 2024 04:28

Tgt Ion:212 Resp: 45268

Ion	Ratio	Lower	Upper
212	100		
106	15.6	12.0	18.0
104	9.4	6.9	10.3



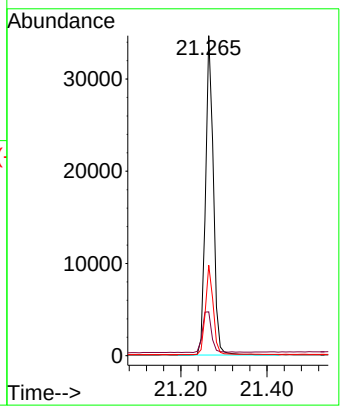


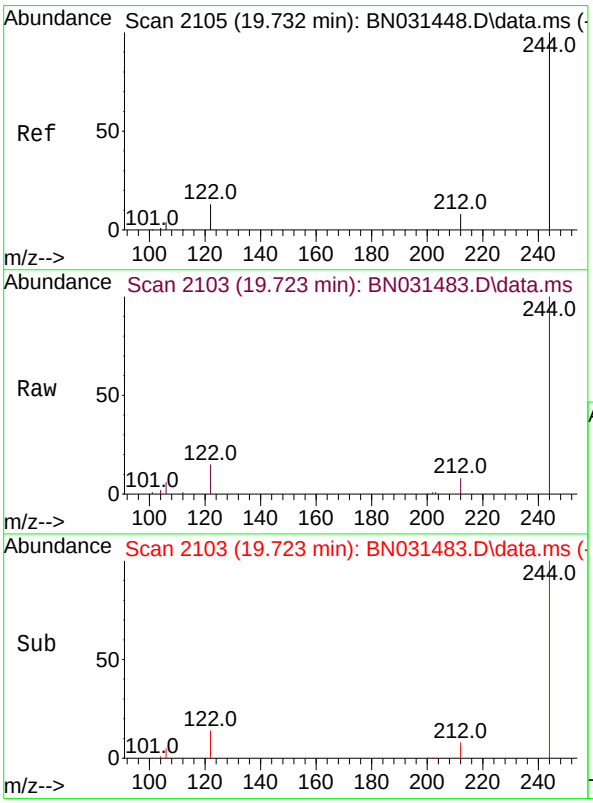
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.265 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN031483.D
Acq: 11 May 2024 04:28

Instrument :
BNA_N
ClientSampleId :
TEST-2-T42

Tgt Ion:240 Resp: 43898

Ion	Ratio	Lower	Upper
240	100		
120	13.7	11.4	17.2
236	28.3	22.2	33.4

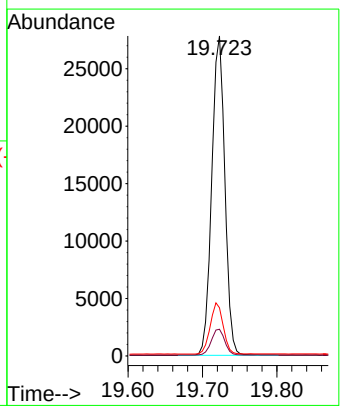


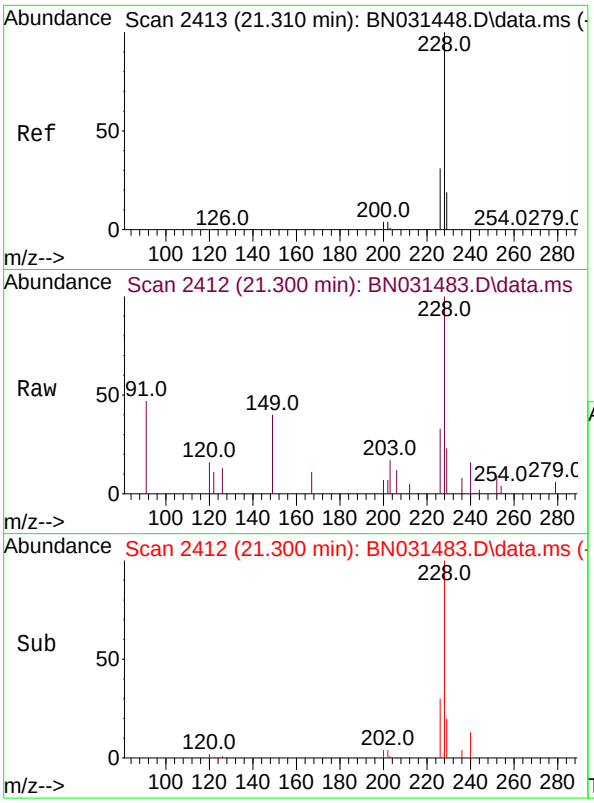


#31
Terphenyl-d14
Concen: 0.316 ng
RT: 19.723 min Scan# 2103
Delta R.T. -0.009 min
Lab File: BN031483.D
Acq: 11 May 2024 04:28

Tgt Ion:244 Resp: 33986

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	15.1	11.4	17.2



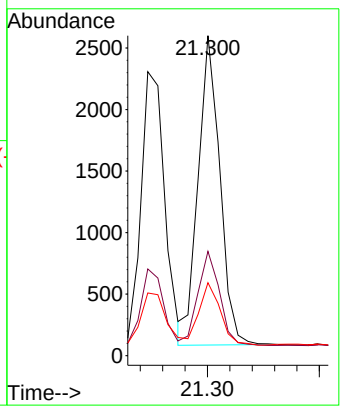


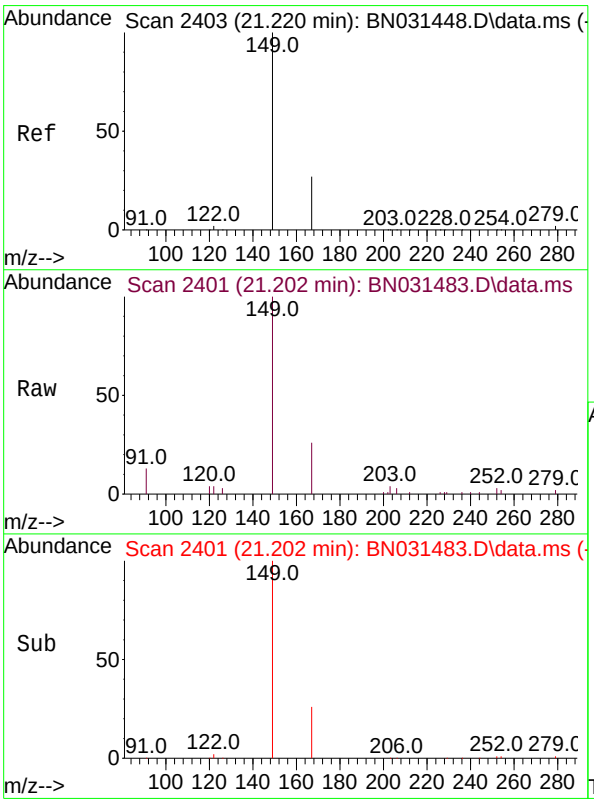
#33
Chrysene
Concen: 0.021 ng
RT: 21.300 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN031483.D
Acq: 11 May 2024 04:28

Instrument :
BNA_N
ClientSampleId :
TEST-2-T42

Tgt Ion:228 Resp: 3387

Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.5	36.7
229	22.8	15.8	23.8

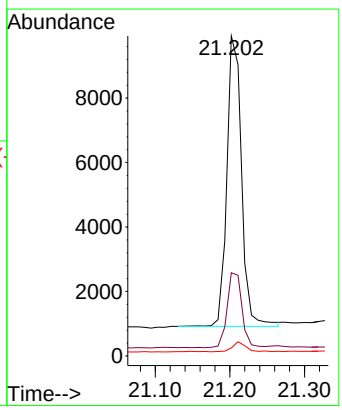


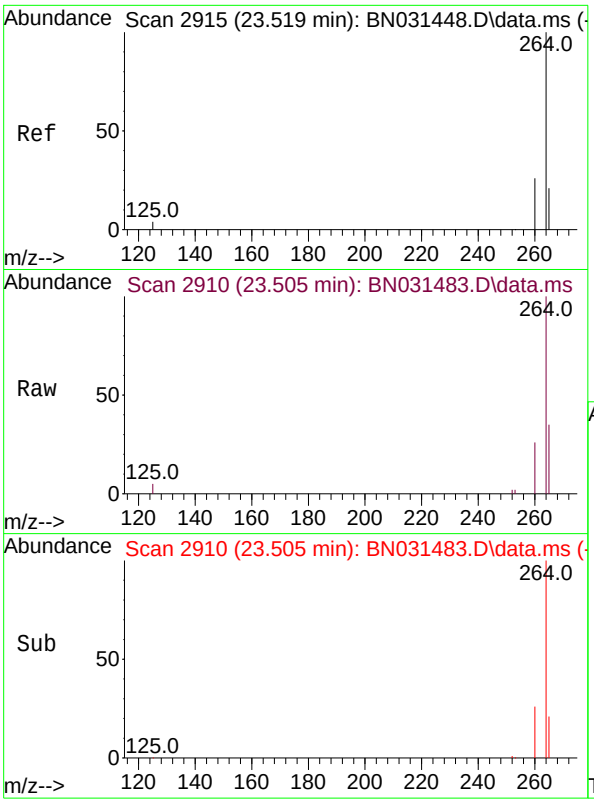


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.124 ng
RT: 21.202 min Scan# 2401
Delta R.T. -0.018 min
Lab File: BN031483.D
Acq: 11 May 2024 04:28

Tgt Ion:149 Resp: 12305

Ion	Ratio	Lower	Upper
149	100		
167	26.2	22.1	33.1
279	3.3	2.7	4.1



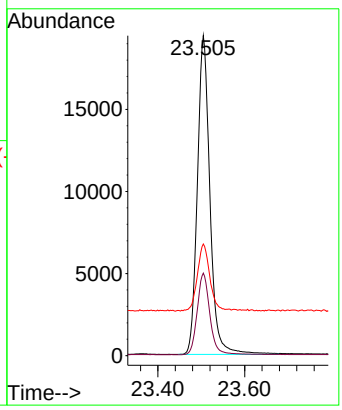


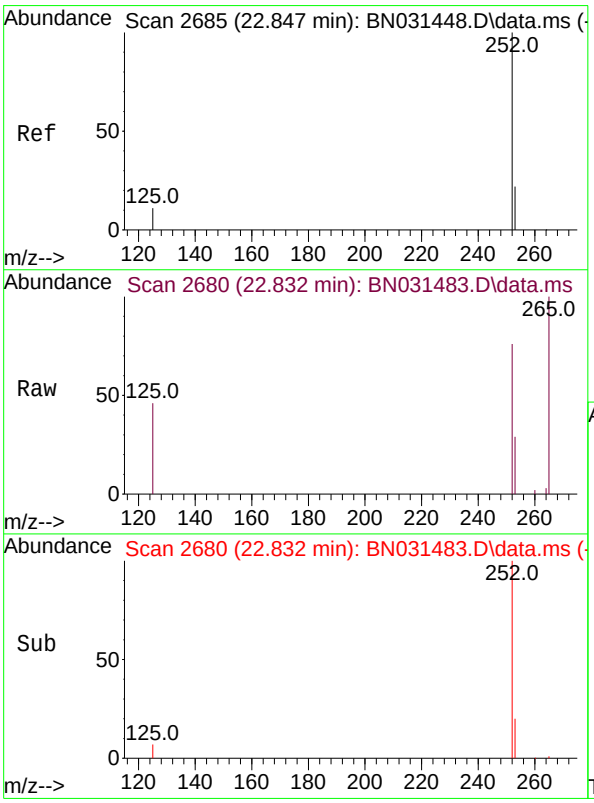
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.505 min Scan# 2
Delta R.T. -0.015 min
Lab File: BN031483.D
Acq: 11 May 2024 04:28

Instrument :
BNA_N
ClientSampleId :
TEST-2-T42

Tgt Ion:264 Resp: 38986

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.6	31.0
265	34.9	24.0	36.0

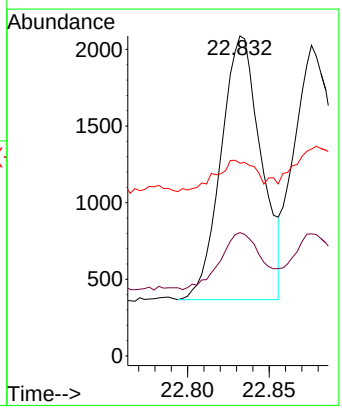


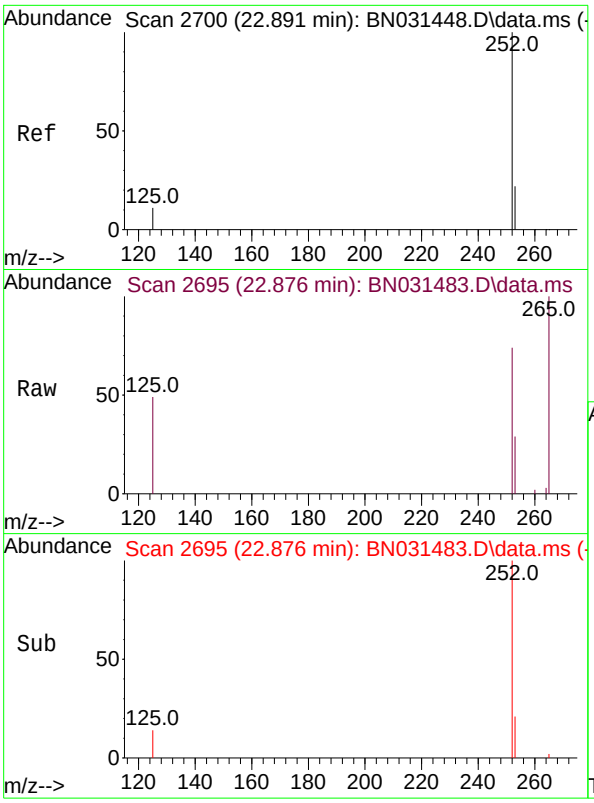


#37
Benzo(b)fluoranthene
Concen: 0.021 ng
RT: 22.832 min Scan# 2680
Delta R.T. -0.015 min
Lab File: BN031483.D
Acq: 11 May 2024 04:28

Tgt Ion:252 Resp: 2950

Ion	Ratio	Lower	Upper
252	100		
253	38.6	18.2	27.4#
125	60.2	10.5	15.7#





#38
Benzo(k)fluoranthene
Concen: 0.021 ng
RT: 22.876 min Scan# 2
Delta R.T. -0.015 min
Lab File: BN031483.D
Acq: 11 May 2024 04:28

Instrument :
BNA_N
ClientSampleId :
TEST-2-T42

Tgt Ion:252 Resp: 2826

Ion	Ratio	Lower	Upper
252	100		
253	39.3	18.2	27.2#
125	66.6	11.0	16.6#