Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082024\
Data File : BN033513.D
Acq On : 20 Aug 2024 19:28
Operator : MA/JU
Sample : P3645-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
916-J-WS-081524

Quant Time: Aug 20 23:21:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 23:32:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	7720	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	19614	0.400	ng	# 0.00
13) Acenaphthene-d10	14.188	164	9099	0.400	ng	0.00
19) Phenanthrene-d10	16.929	188	17960	0.400	ng	#-0.01
29) Chrysene-d12	21.139	240	14746	0.400	ng	# 0.00
35) Perylene-d12	23.311	264	14922	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	3347	0.136	ng	0.00
5) Phenol-d6	6.736	99	2604	0.089	ng	0.00
8) Nitrobenzene-d5	8.680	82	4387	0.270	ng	-0.01
11) 2-Methylnaphthalene-d10	11.910	152	7589	0.270	ng	0.00
14) 2,4,6-Tribromophenol	15.688	330	1116	0.228	ng	0.00
15) 2-Fluorobiphenyl	12.809	172	11357	0.306	ng	0.00
27) Fluoranthene-d10	18.975	212	14225	0.330	ng	0.00
31) Terphenyl-d14	19.592	244	9803	0.293	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.357	128	1311	0.025	ng	# 83
17) Acenaphthene	14.252	154	2555	0.091	ng	95
18) Fluorene	15.236	166	4422	0.125	ng	# 46
25) Phenanthrene	16.979	178	1589	0.032	ng	94
28) Fluoranthene	19.002	202	3031	0.055	ng	99
30) Pyrene	19.369	202	1640	0.025	ng	# 91
33) Chrysene	21.175	228	1356m	0.026	ng	
34) Bis(2-ethylhexyl)phtha...	21.094	149	1979m	0.059	ng	

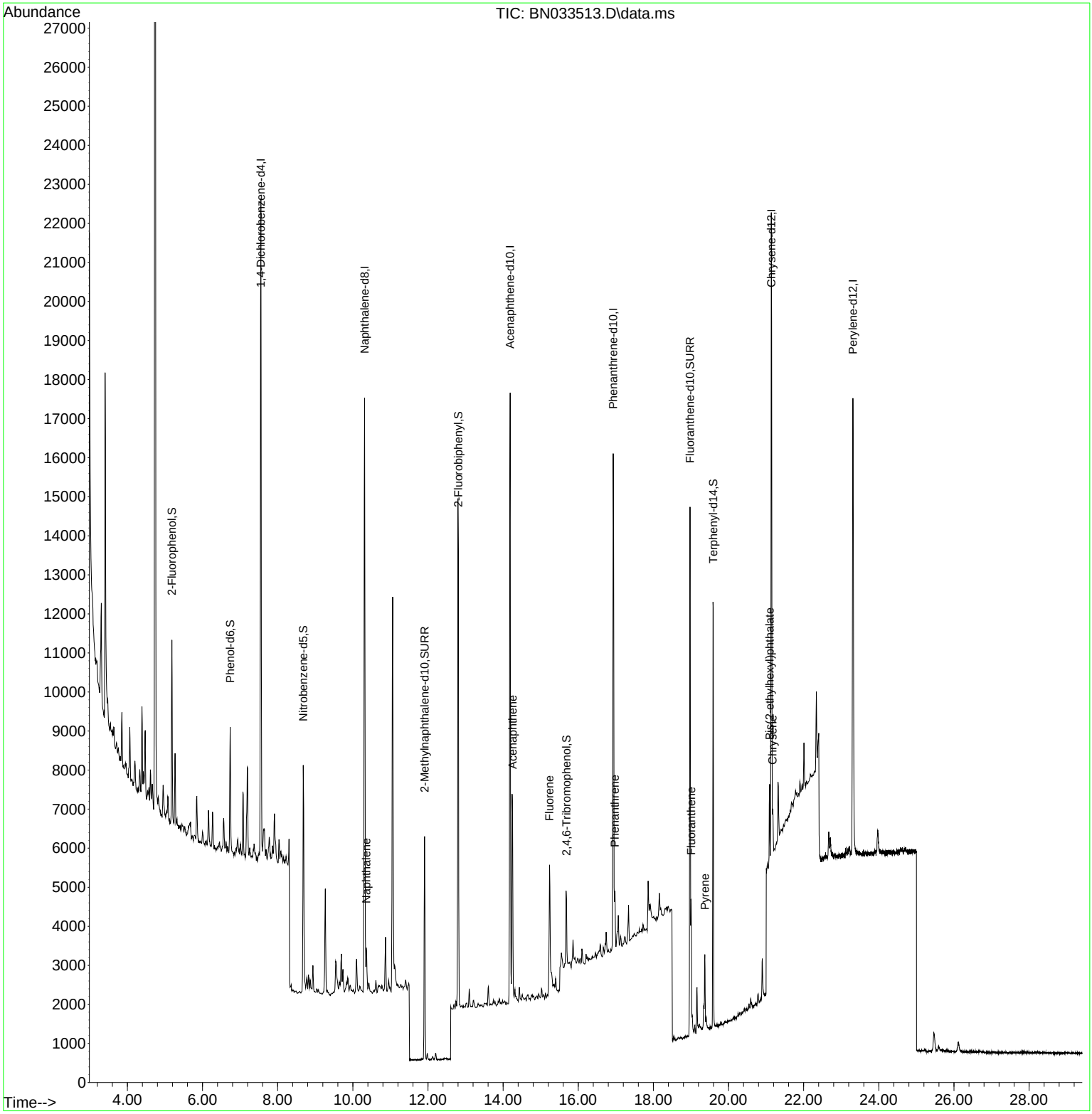
(#) = qualifier out of range (m) = manual integration (+) = signals summed

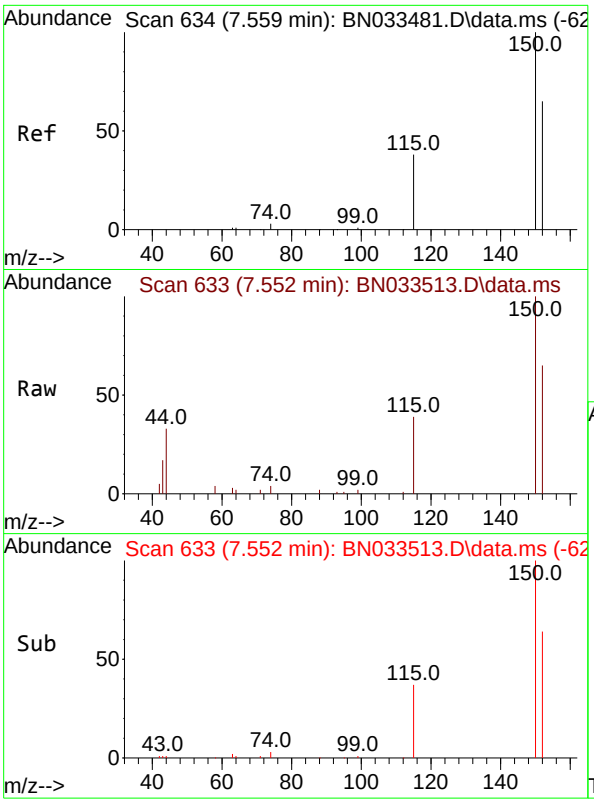
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082024\
Data File : BN033513.D
Acq On : 20 Aug 2024 19:28
Operator : MA/JU
Sample : P3645-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
916-J-WS-081524

Quant Time: Aug 20 23:21:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 23:32:18 2024
Response via : Initial Calibration



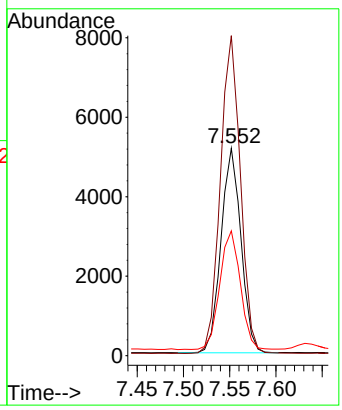


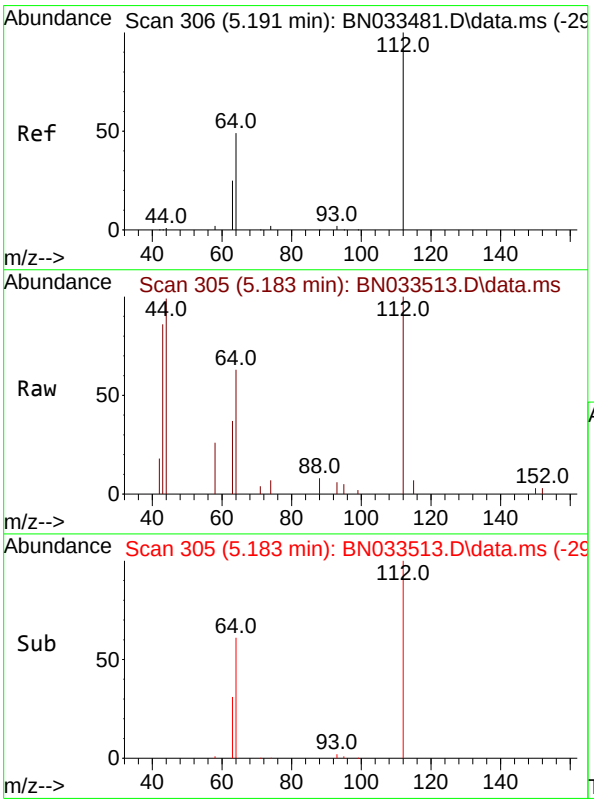
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.552 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

Instrument :
BNA_N
ClientSampleId :
916-J-WS-081524

Tgt Ion:152 Resp: 7720

Ion	Ratio	Lower	Upper
152	100		
150	154.3	122.2	183.2
115	60.2	47.2	70.8

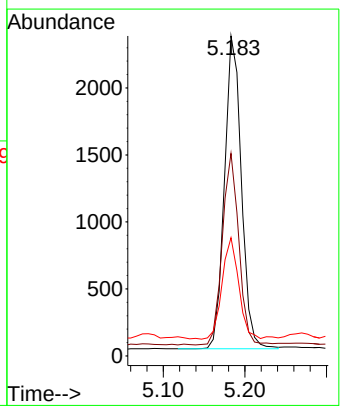


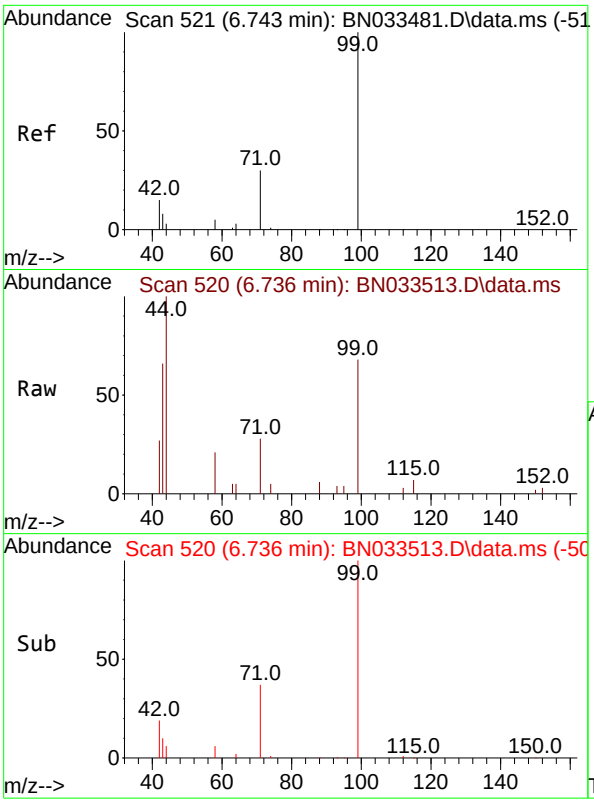


#4
2-Fluorophenol
Concen: 0.136 ng
RT: 5.183 min Scan# 305
Delta R.T. -0.008 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

Tgt Ion:112 Resp: 3347

Ion	Ratio	Lower	Upper
112	100		
64	59.5	47.1	70.7
63	32.3	24.9	37.3



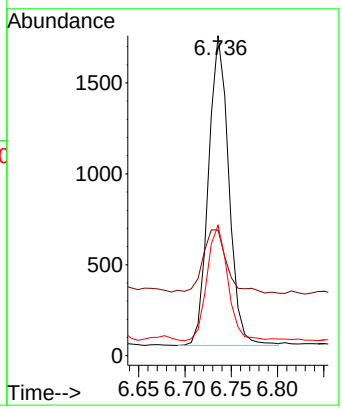


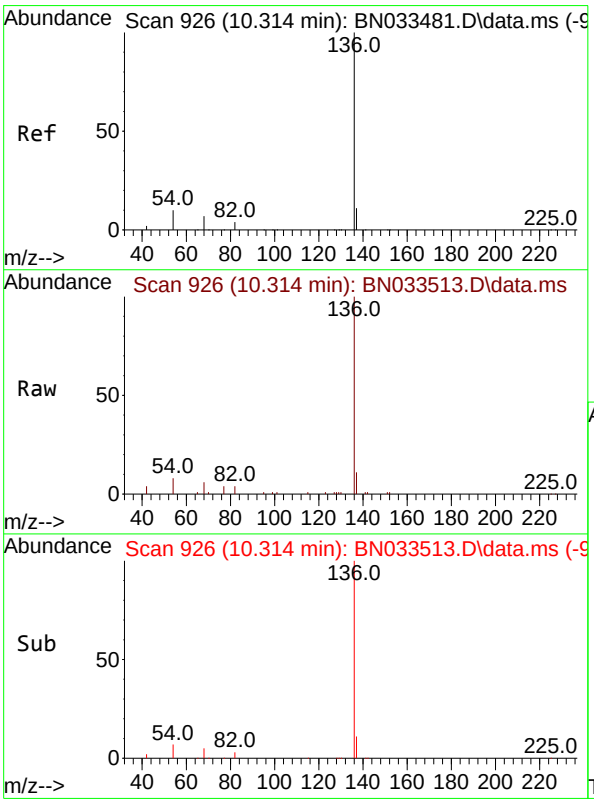
#5
Phenol-d6
Concen: 0.089 ng
RT: 6.736 min Scan# 5
Delta R.T. -0.008 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

Instrument :
BNA_N
ClientSampleId :
916-J-WS-081524

Tgt Ion: 99 Resp: 2604

Ion	Ratio	Lower	Upper
99	100		
42	24.5	16.6	24.8
71	38.4	26.2	39.4

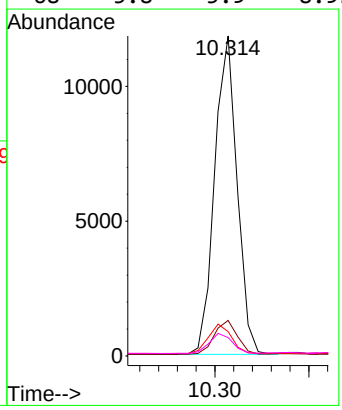


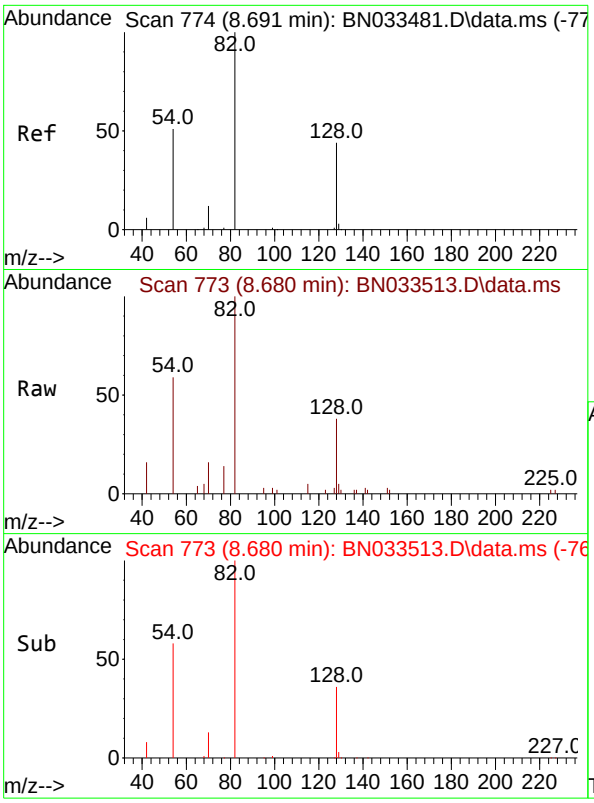


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.314 min Scan# 926
Delta R.T. -0.000 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

Tgt Ion:136 Resp: 19614

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	7.6	8.3	12.5#
68	5.8	5.9	8.9#



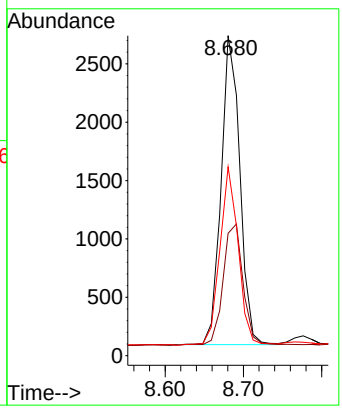


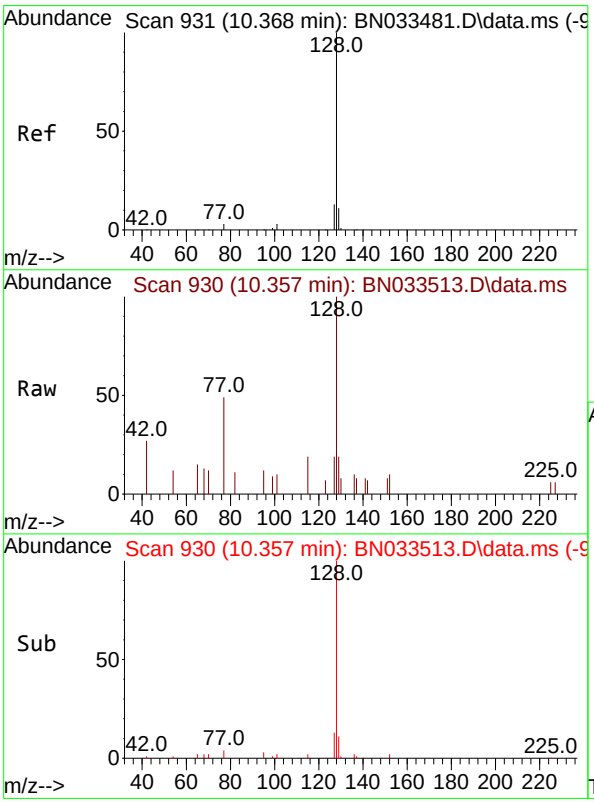
#8
Nitrobenzene-d5
Concen: 0.270 ng
RT: 8.680 min Scan# 7
Delta R.T. -0.011 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

Instrument :
BNA_N
ClientSampleId :
916-J-WS-081524

Tgt Ion: 82 Resp: 4387

Ion	Ratio	Lower	Upper
82	100		
128	38.2	36.0	54.0
54	59.0	42.0	63.0

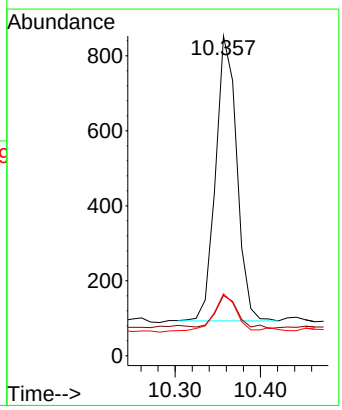


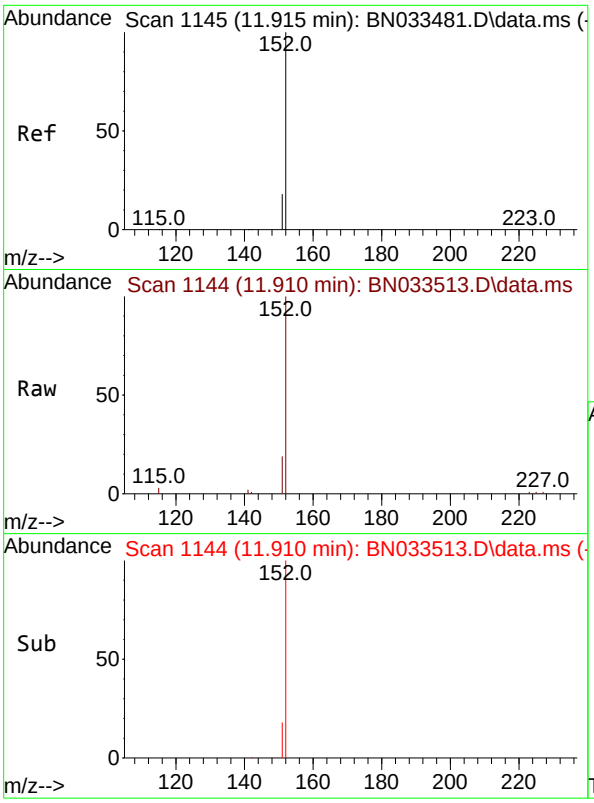


#9
Naphthalene
Concen: 0.025 ng
RT: 10.357 min Scan# 930
Delta R.T. -0.011 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

Tgt Ion:128 Resp: 1311

Ion	Ratio	Lower	Upper
128	100		
129	18.9	9.1	13.7#
127	19.3	10.7	16.1#



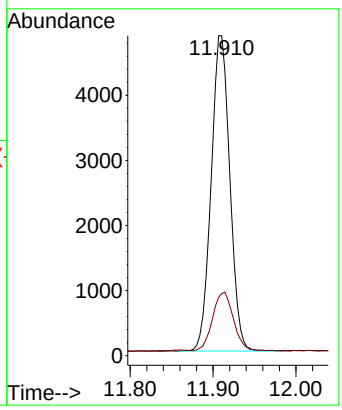


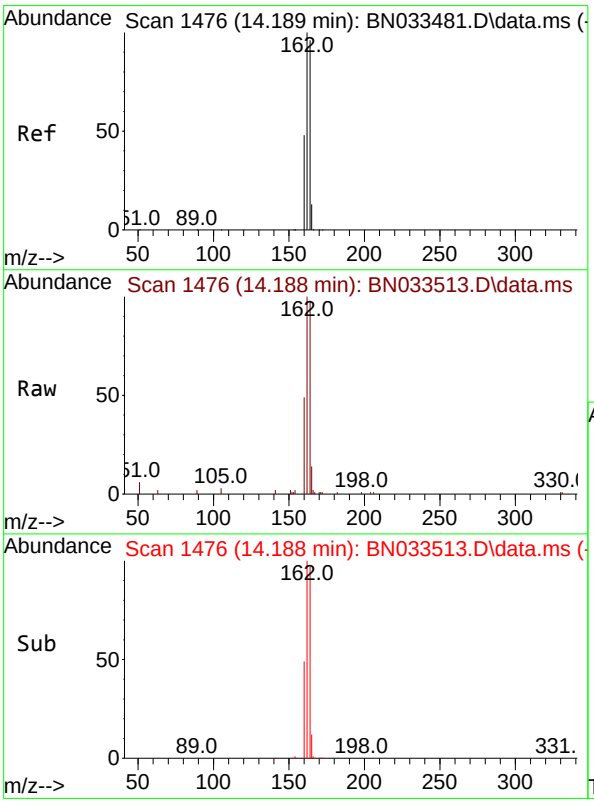
#11
2-Methylnaphthalene-d10
Concen: 0.270 ng
RT: 11.910 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

Instrument :
BNA_N
ClientSampleId :
916-J-WS-081524

Tgt Ion:152 Resp: 7589

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.6	25.0

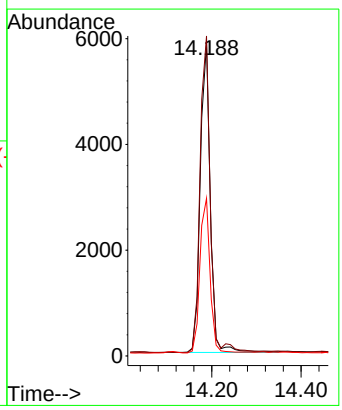


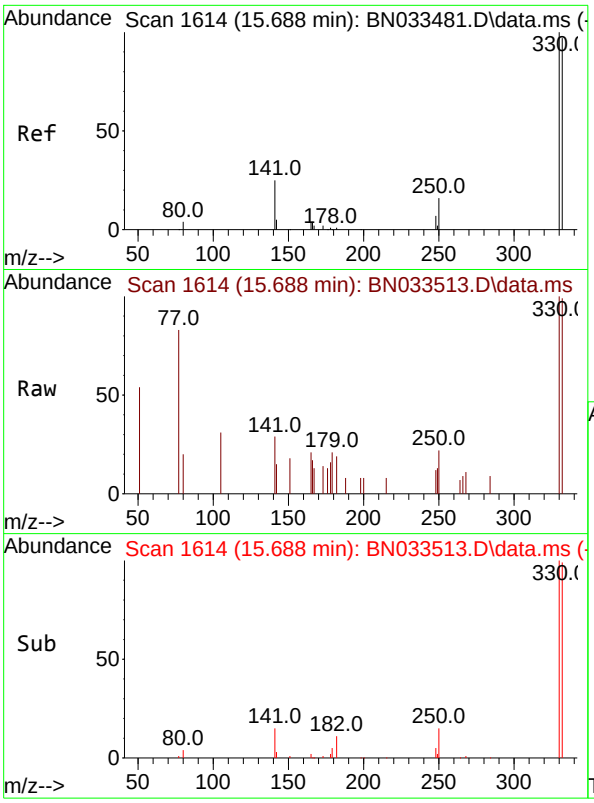


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.188 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

Tgt Ion:164 Resp: 9099

Ion	Ratio	Lower	Upper
164	100		
162	102.4	83.5	125.3
160	50.4	40.2	60.4



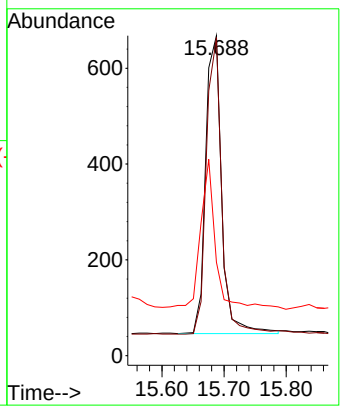


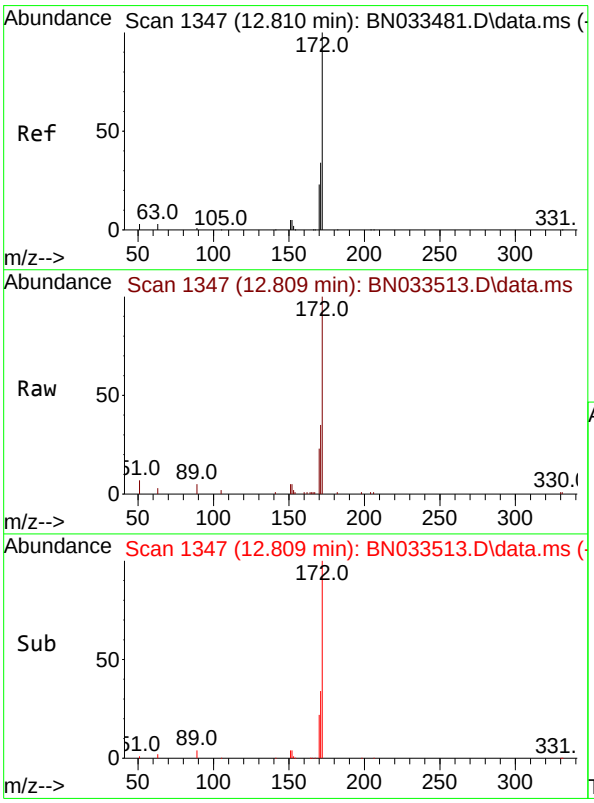
#14
2,4,6-Tribromophenol
Concen: 0.228 ng
RT: 15.688 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

Instrument :
BNA_N
ClientSampleId :
916-J-WS-081524

Tgt Ion:330 Resp: 1116

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.5	116.3
141	43.2	33.9	50.9

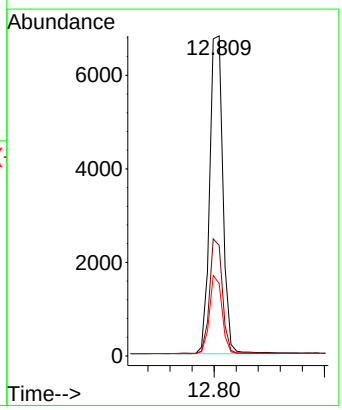


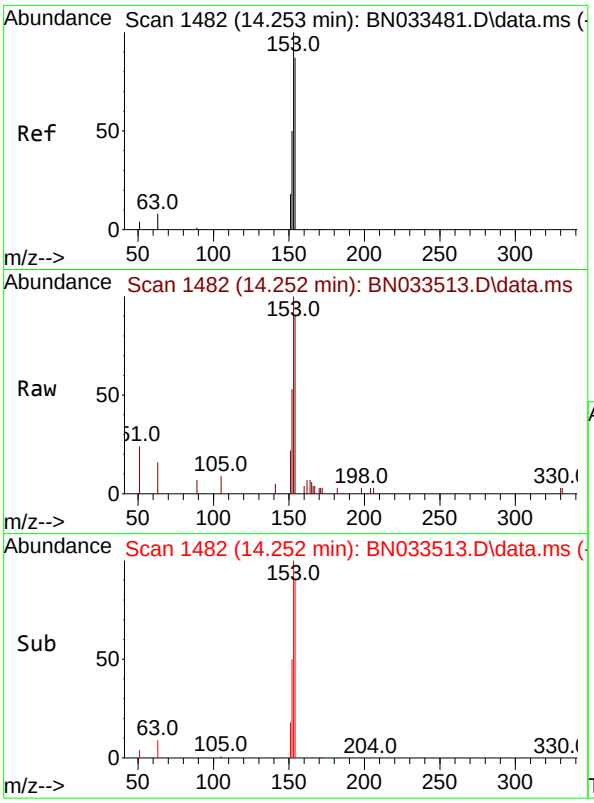


#15
2-Fluorobiphenyl
Concen: 0.306 ng
RT: 12.809 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

Tgt Ion:172 Resp: 11357

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.7	41.5
170	22.6	18.3	27.5



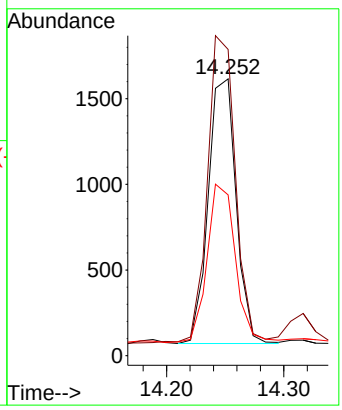


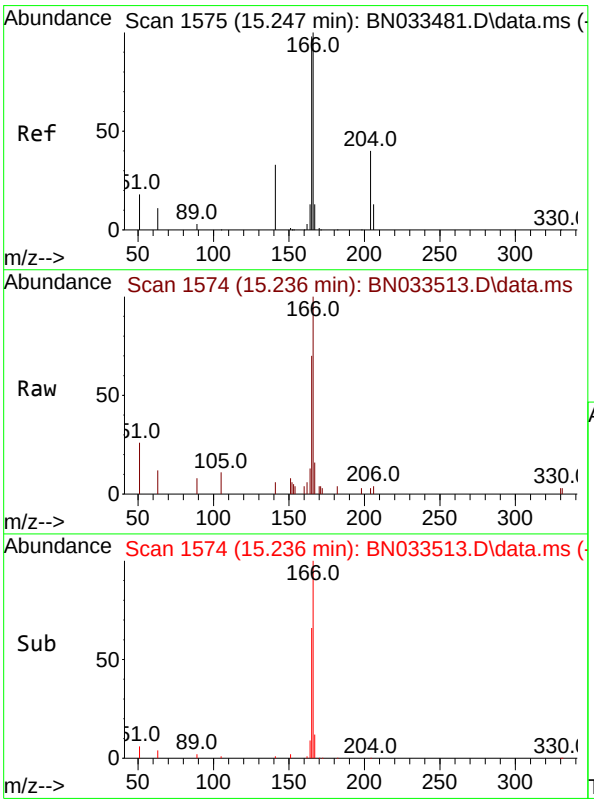
#17
Acenaphthene
Concen: 0.091 ng
RT: 14.252 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

Instrument :
BNA_N
ClientSampleId :
916-J-WS-081524

Tgt Ion:154 Resp: 2555

Ion	Ratio	Lower	Upper
154	100		
153	115.8	89.0	133.6
152	60.5	45.2	67.8

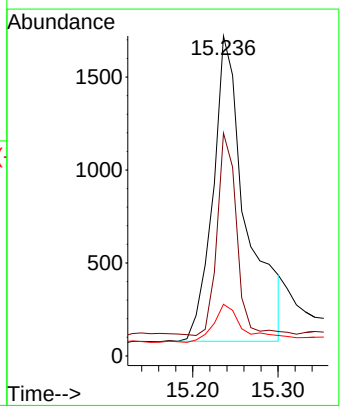


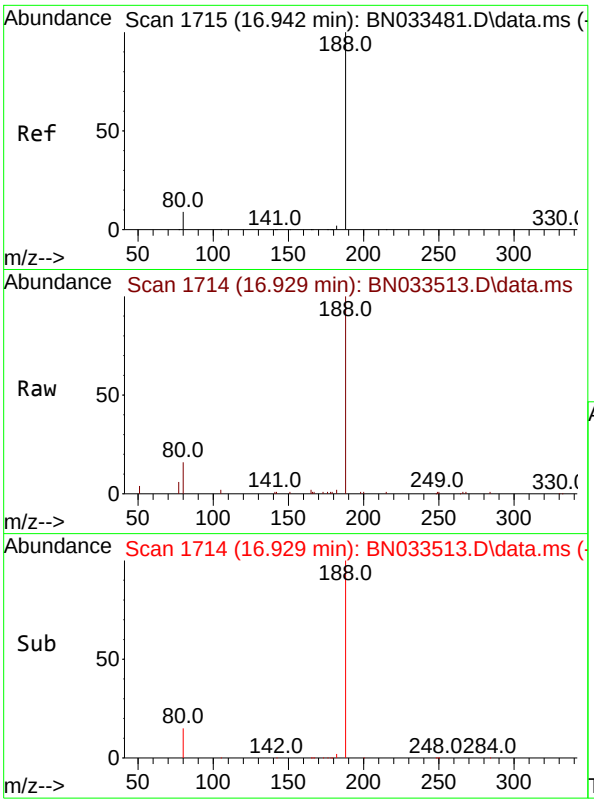


#18
Fluorene
Concen: 0.125 ng
RT: 15.236 min Scan# 1574
Delta R.T. -0.011 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

Tgt Ion:166 Resp: 4422

Ion	Ratio	Lower	Upper
166	100		
165	38.3	78.2	117.4#
167	11.4	10.6	16.0



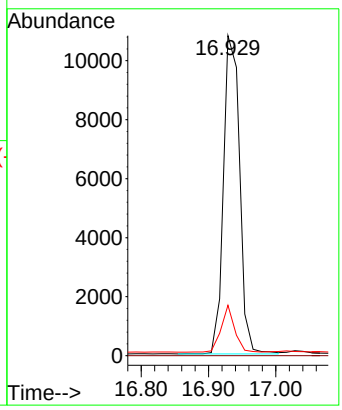


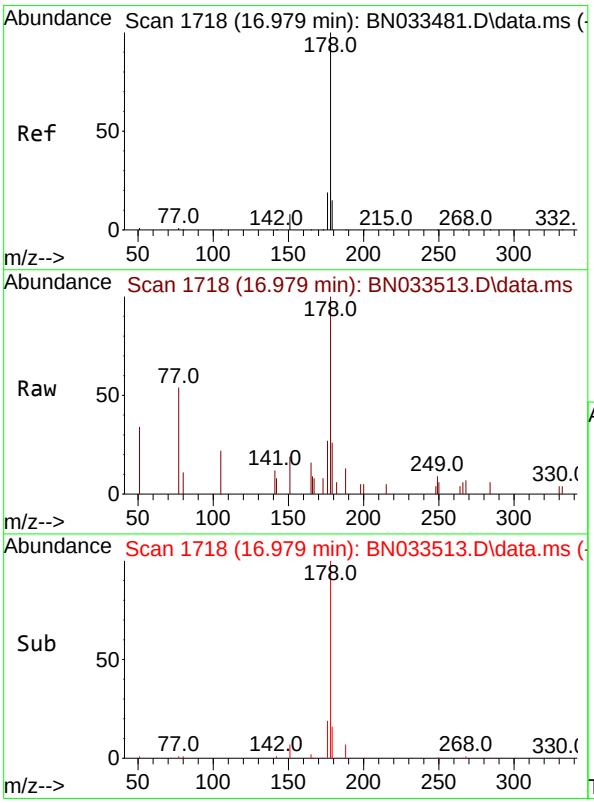
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.929 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

Instrument :
BNA_N
ClientSampleId :
916-J-WS-081524

Tgt Ion:188 Resp: 17960

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.7	7.8	11.8#

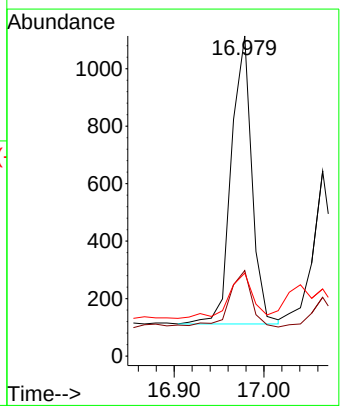


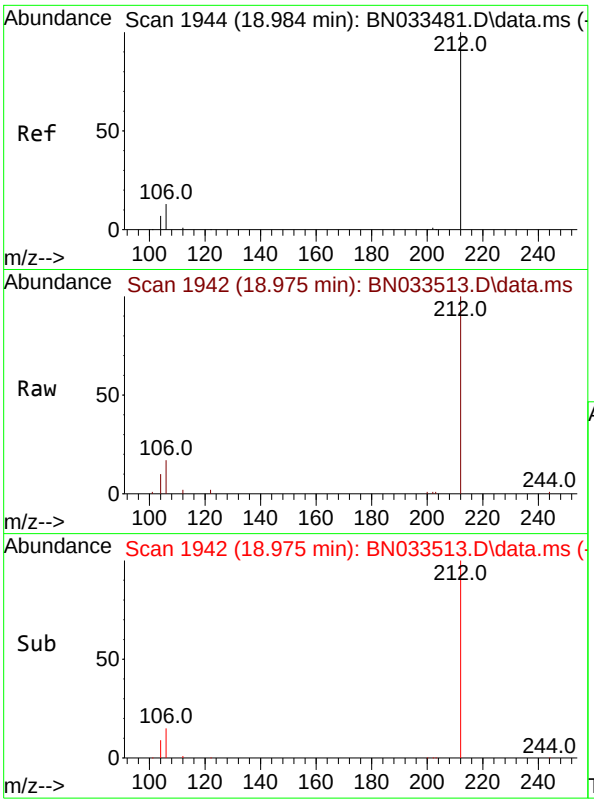


#25
Phenanthrene
Concen: 0.032 ng
RT: 16.979 min Scan# 1718
Delta R.T. -0.000 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

Tgt Ion:178 Resp: 1589

Ion	Ratio	Lower	Upper
178	100		
176	21.6	15.3	22.9
179	18.4	12.3	18.5



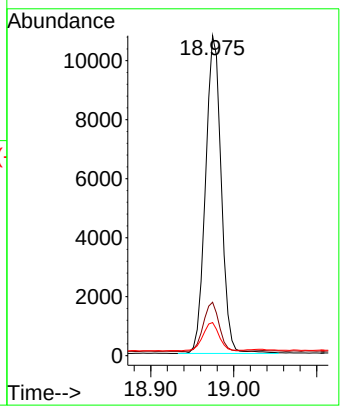


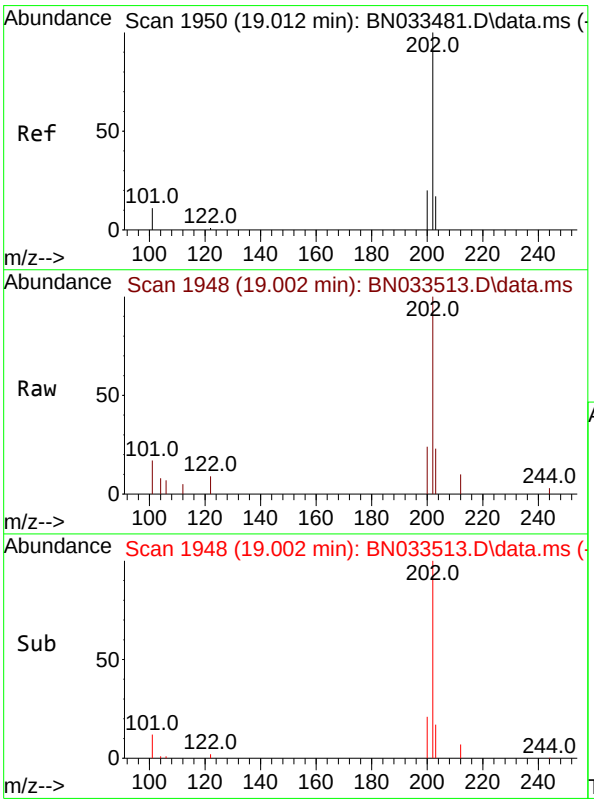
#27
Fluoranthene-d10
Concen: 0.330 ng
RT: 18.975 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

Instrument :
BNA_N
ClientSampleId :
916-J-WS-081524

Tgt Ion:212 Resp: 14225

Ion	Ratio	Lower	Upper
212	100		
106	15.6	12.3	18.5
104	9.1	7.0	10.4

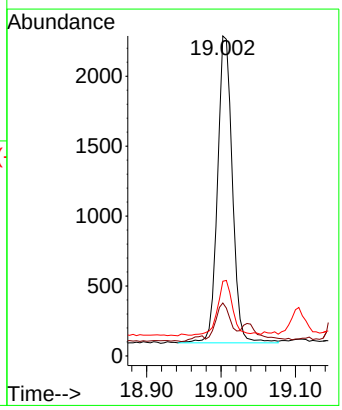


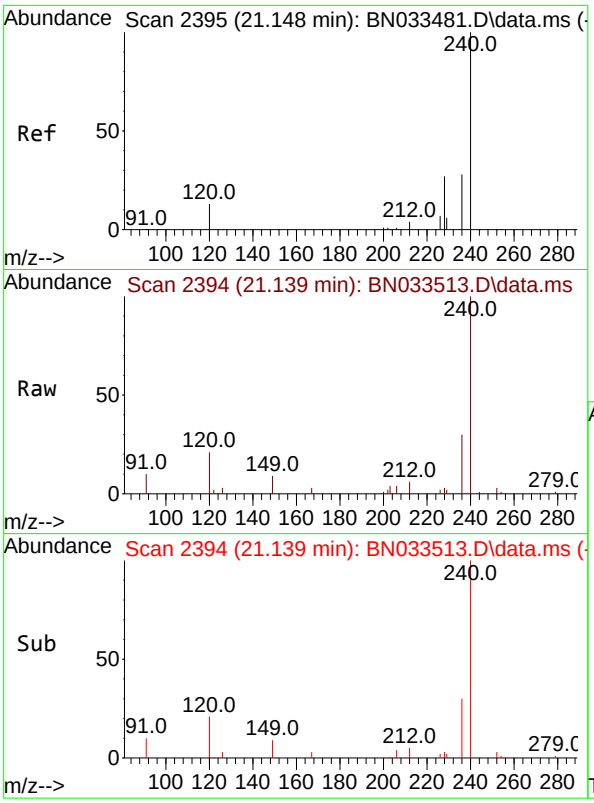


#28
Fluoranthene
Concen: 0.055 ng
RT: 19.002 min Scan# 1948
Delta R.T. -0.010 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

Tgt Ion:202 Resp: 3031

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.5	14.3
203	18.0	13.8	20.6



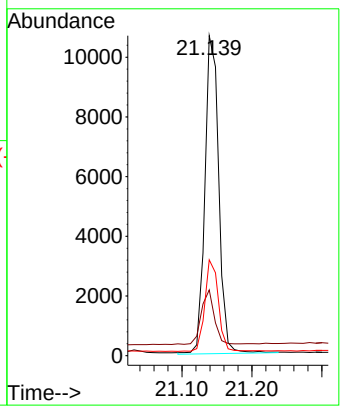


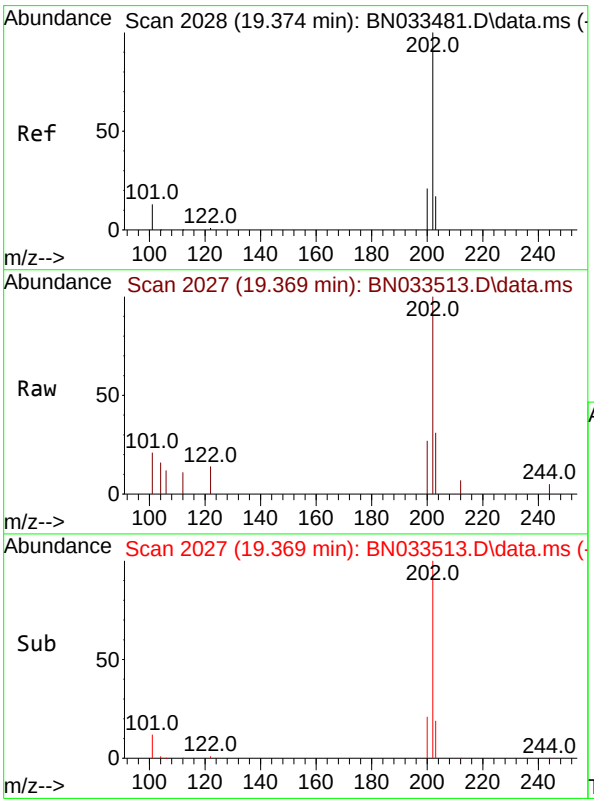
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.139 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

Instrument :
BNA_N
ClientSampleId :
916-J-WS-081524

Tgt Ion:240 Resp: 14746

Ion	Ratio	Lower	Upper
240	100		
120	20.6	12.4	18.6#
236	29.9	23.0	34.6

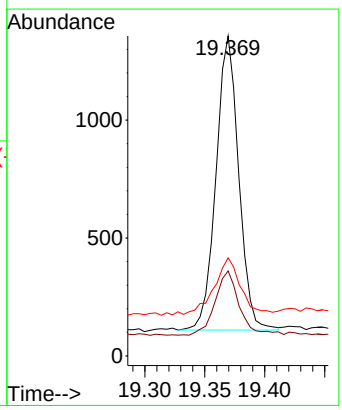


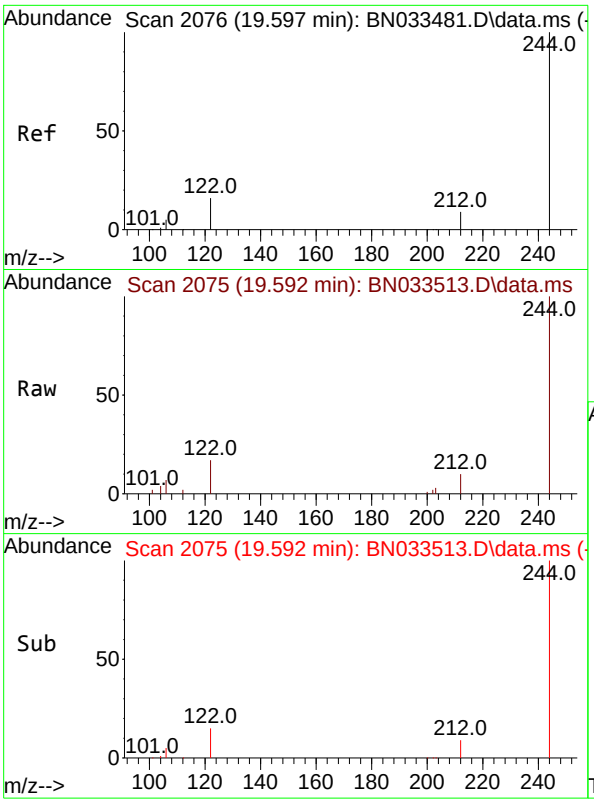


#30
Pyrene
Concen: 0.025 ng
RT: 19.369 min Scan# 2027
Delta R.T. -0.005 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

Tgt Ion:202 Resp: 1640

Ion	Ratio	Lower	Upper
202	100		
200	23.2	16.6	24.8
203	23.7	14.2	21.4#



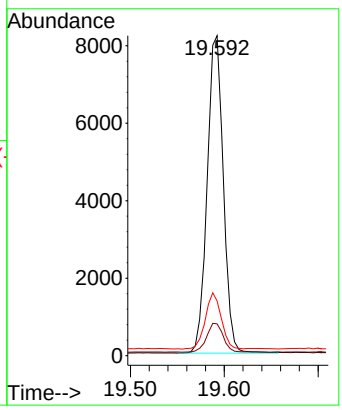


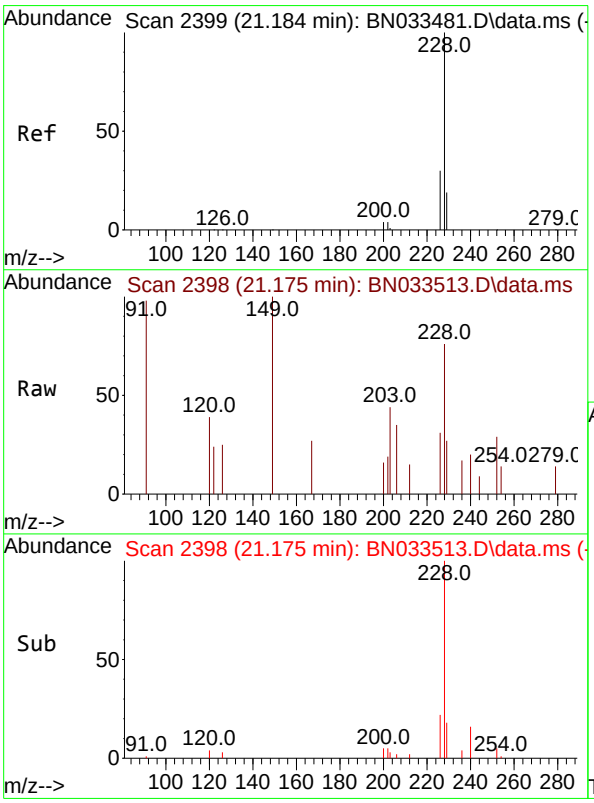
#31
Terphenyl-d14
Concen: 0.293 ng
RT: 19.592 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

Instrument :
BNA_N
ClientSampleId :
916-J-WS-081524

Tgt Ion:244 Resp: 9803

Ion	Ratio	Lower	Upper
244	100		
212	10.0	7.8	11.6
122	17.1	13.3	19.9

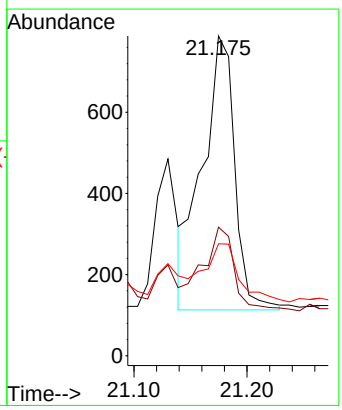


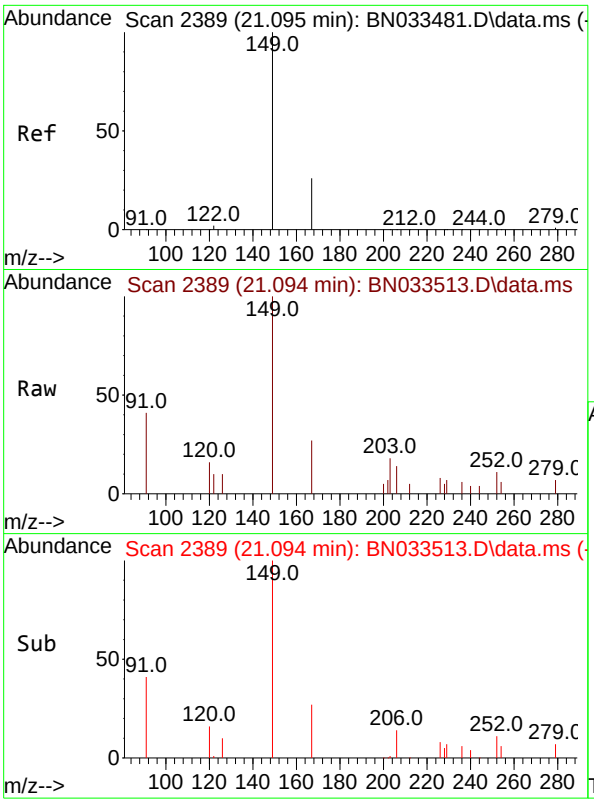


#33
Chrysene
Concen: 0.026 ng m
RT: 21.175 min Scan# 2398
Delta R.T. -0.009 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

Tgt Ion:228 Resp: 1356

Ion	Ratio	Lower	Upper
228	100		
226	40.2	23.8	35.8#
229	35.0	15.6	23.4#



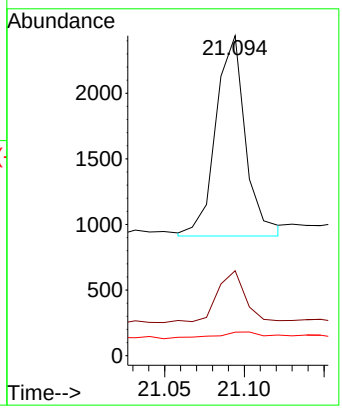


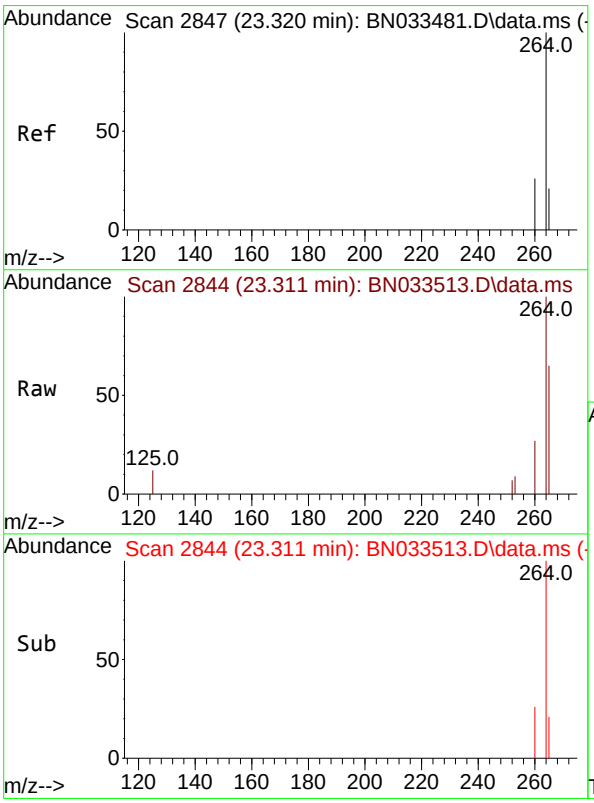
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.059 ng m
RT: 21.094 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

Instrument :
BNA_N
ClientSampleId :
916-J-WS-081524

Tgt Ion:149 Resp: 1979

Ion	Ratio	Lower	Upper
149	100		
167	31.6	21.5	32.3
279	0.0	2.2	3.2#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.311 min Scan# 2844
Delta R.T. -0.009 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

Tgt Ion:264 Resp: 14922

Ion	Ratio	Lower	Upper
264	100		
260	27.0	20.8	31.2
265	64.6	52.2	78.2