Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021225\
Data File : BN036445.D
Acq On : 12 Feb 2025 18:12
Operator : RC/JU
Sample : Q1347-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-710-712

Quant Time: Feb 12 23:16:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 11 01:17:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.753	152	2535	0.400	ng	0.00
7) Naphthalene-d8	10.541	136	6461	0.400	ng	# 0.00
13) Acenaphthene-d10	14.387	164	3888	0.400	ng	0.00
19) Phenanthrene-d10	17.124	188	8786	0.400	ng	#-0.01
29) Chrysene-d12	21.322	240	7596	0.400	ng	# 0.00
35) Perylene-d12	23.586	264	6347	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	1191	0.199	ng	0.00
5) Phenol-d6	6.930	99	1014	0.144	ng	0.00
8) Nitrobenzene-d5	8.896	82	2025	0.318	ng	-0.01
11) 2-Methylnaphthalene-d10	12.126	152	3126	0.315	ng	-0.02
14) 2,4,6-Tribromophenol	15.882	330	746	0.387	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	6380	0.436	ng	-0.01
27) Fluoranthene-d10	19.164	212	9581	0.392	ng	0.00
31) Terphenyl-d14	19.763	244	9257	0.571	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.268	88	1331	0.480	ng	# 87
25) Phenanthrene	17.173	178	871	0.034	ng	# 85
30) Pyrene	19.554	202	627	0.021	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.232	149	4302	0.276	ng	99

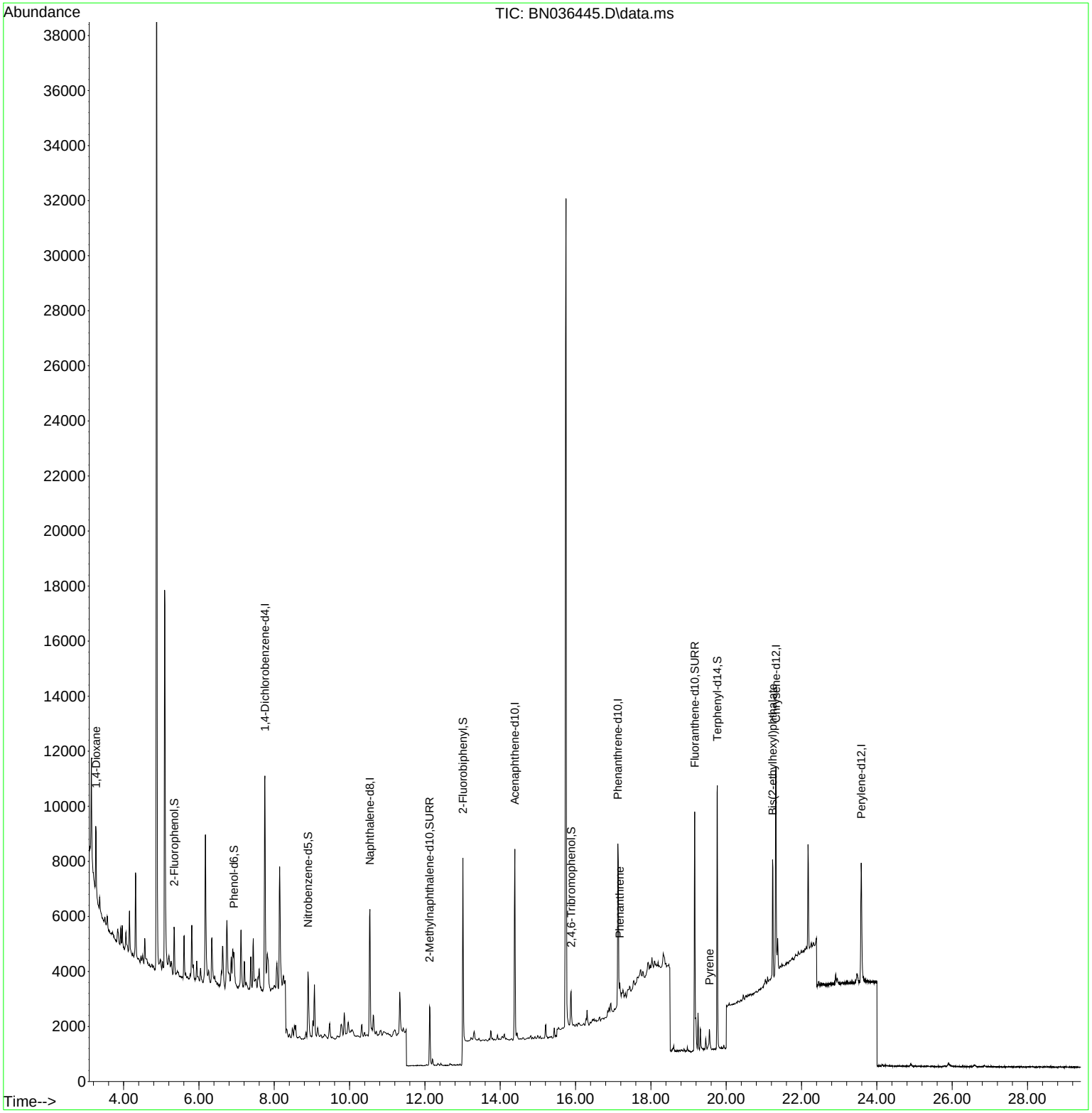
(#) = qualifier out of range (m) = manual integration (+) = signals summed

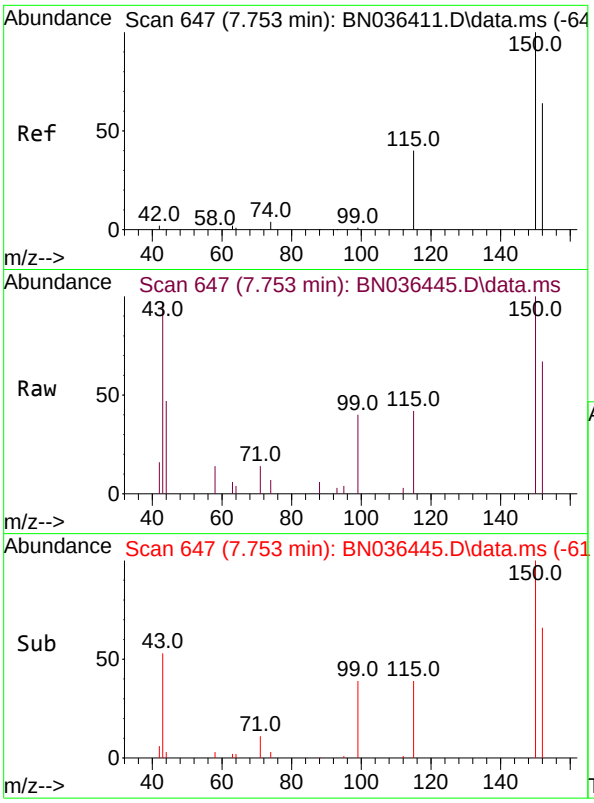
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021225\
Data File : BN036445.D
Acq On : 12 Feb 2025 18:12
Operator : RC/JU
Sample : Q1347-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-710-712

Quant Time: Feb 12 23:16:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 11 01:17:14 2025
Response via : Initial Calibration



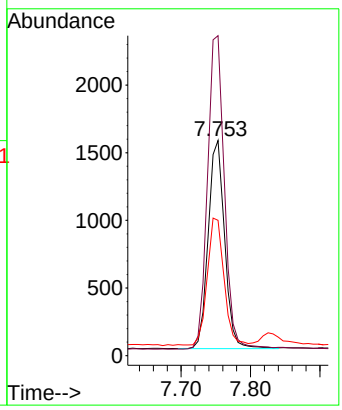


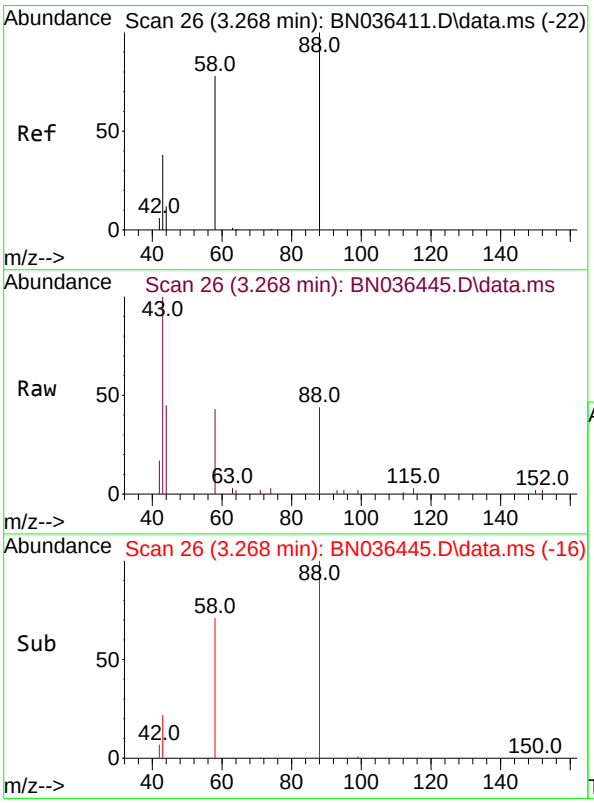
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.753 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN036445.D
Acq: 12 Feb 2025 18:12

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-710-712

Tgt Ion:152 Resp: 2535

Ion	Ratio	Lower	Upper
152	100		
150	148.6	123.7	185.5
115	62.9	52.5	78.7

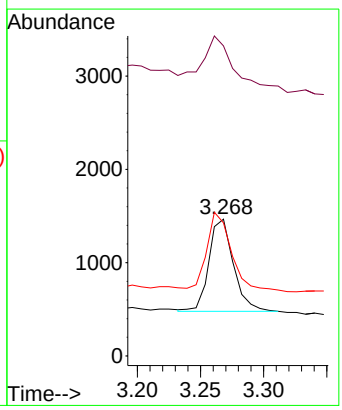


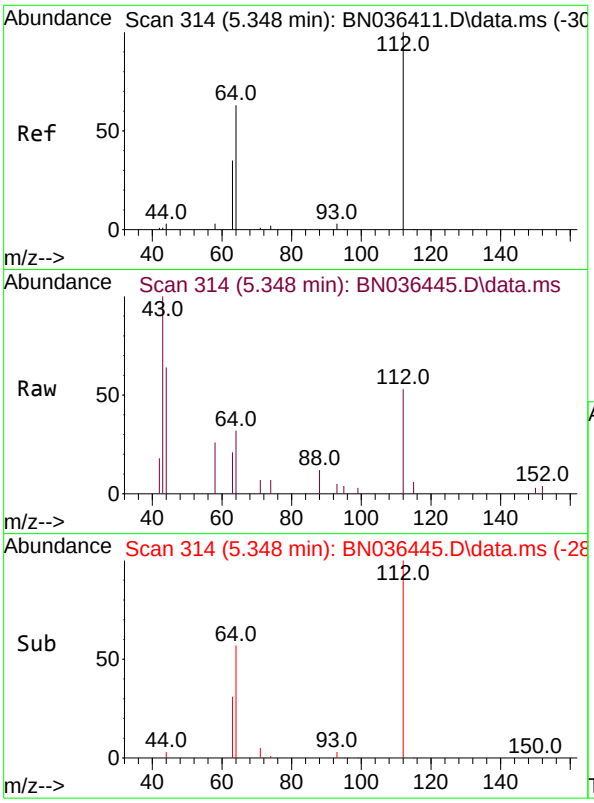


#2
1,4-Dioxane
Concen: 0.480 ng
RT: 3.268 min Scan# 26
Delta R.T. -0.000 min
Lab File: BN036445.D
Acq: 12 Feb 2025 18:12

Tgt Ion: 88 Resp: 1331

Ion	Ratio	Lower	Upper
88	100		
43	62.9	33.7	50.5#
58	82.5	68.9	103.3



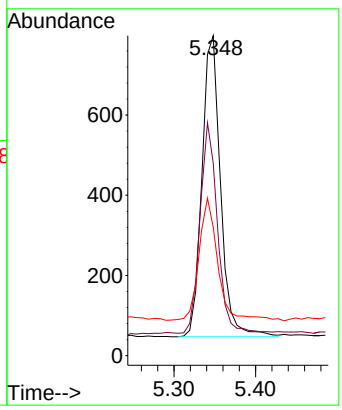


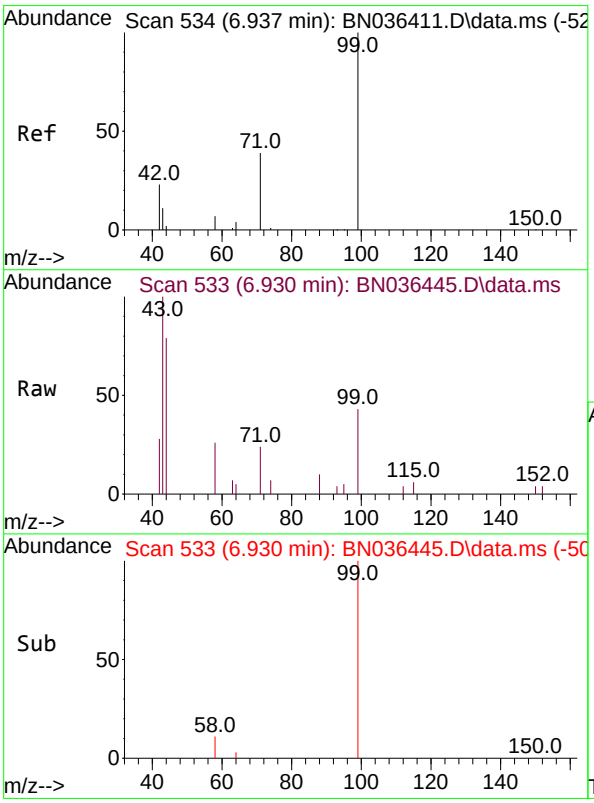
#4
2-Fluorophenol
Concen: 0.199 ng
RT: 5.348 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN036445.D
Acq: 12 Feb 2025 18:12

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-710-712

Tgt Ion:112 Resp: 1191

Ion	Ratio	Lower	Upper
112	100		
64	65.9	53.4	80.0
63	41.5	30.3	45.5

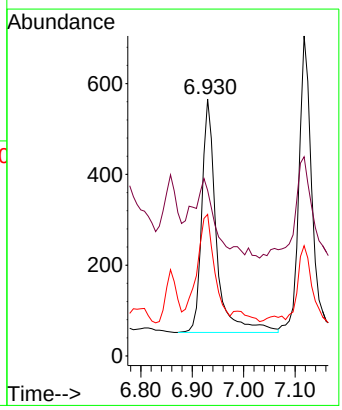


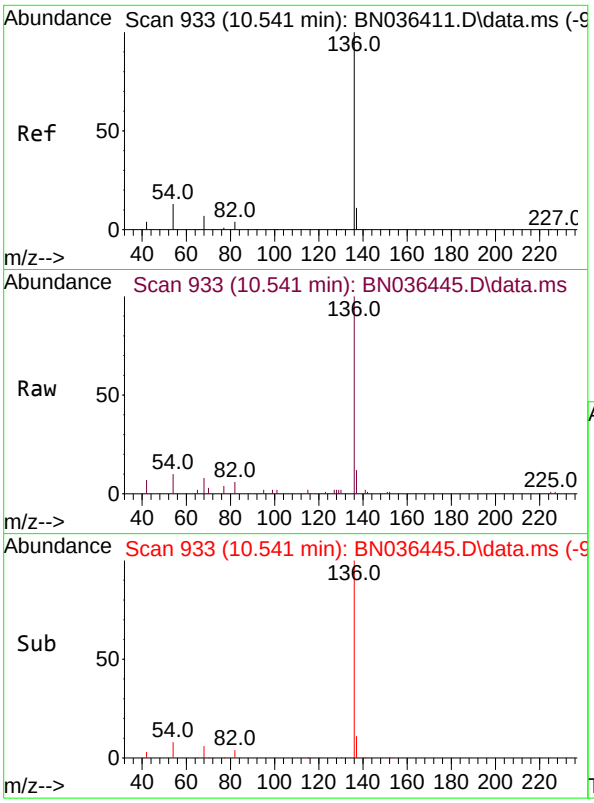


#5
Phenol-d6
Concen: 0.144 ng
RT: 6.930 min Scan# 533
Delta R.T. -0.007 min
Lab File: BN036445.D
Acq: 12 Feb 2025 18:12

Tgt Ion: 99 Resp: 1014

Ion	Ratio	Lower	Upper
99	100		
42	40.0	21.7	32.5#
71	55.1	32.6	49.0#



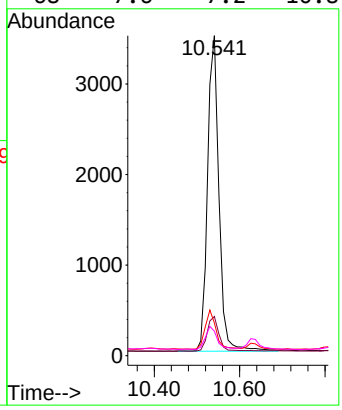


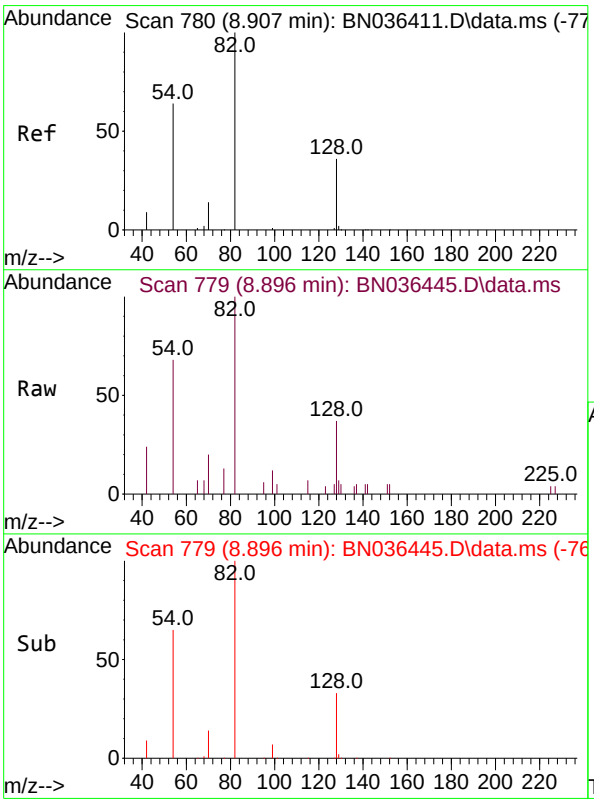
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.541 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN036445.D
Acq: 12 Feb 2025 18:12

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-710-712

Tgt Ion:136 Resp: 6461

Ion	Ratio	Lower	Upper
136	100		
137	12.2	10.1	15.1
54	10.2	11.8	17.6#
68	7.6	7.2	10.8

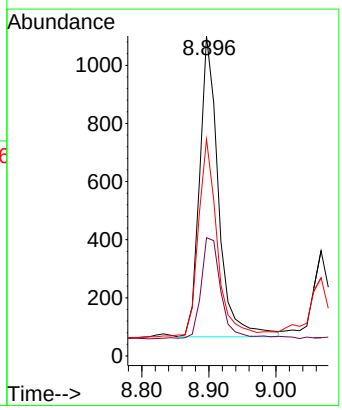


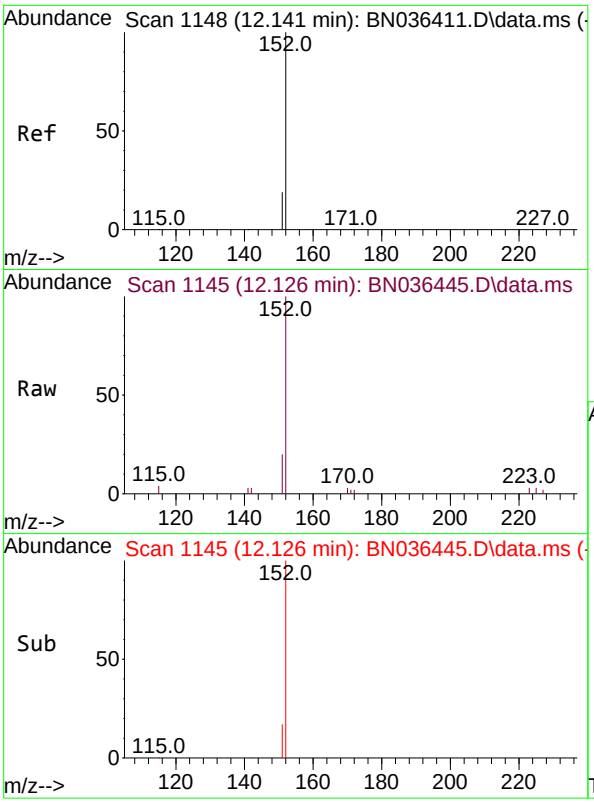


#8
Nitrobenzene-d5
Concen: 0.318 ng
RT: 8.896 min Scan# 779
Delta R.T. -0.011 min
Lab File: BN036445.D
Acq: 12 Feb 2025 18:12

Tgt Ion: 82 Resp: 2025

Ion	Ratio	Lower	Upper
82	100		
128	37.0	31.9	47.9
54	67.8	53.1	79.7



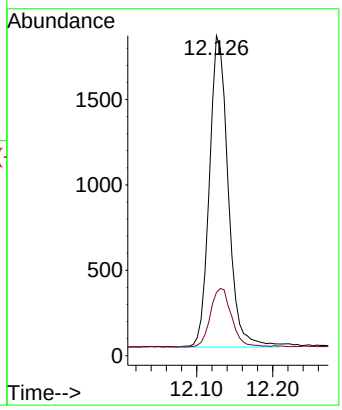


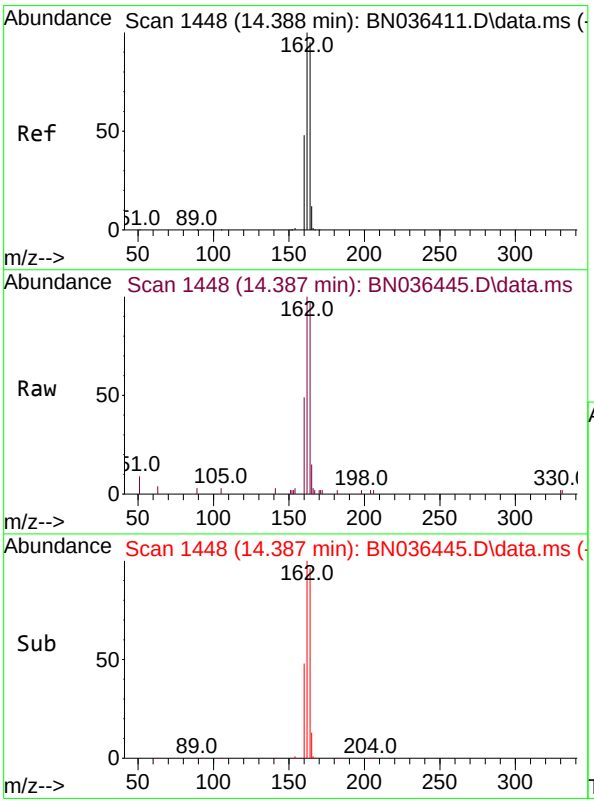
#11
2-Methylnaphthalene-d10
Concen: 0.315 ng
RT: 12.126 min Scan# 11
Delta R.T. -0.015 min
Lab File: BN036445.D
Acq: 12 Feb 2025 18:12

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-710-712

Tgt Ion:152 Resp: 3126

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.6	25.0

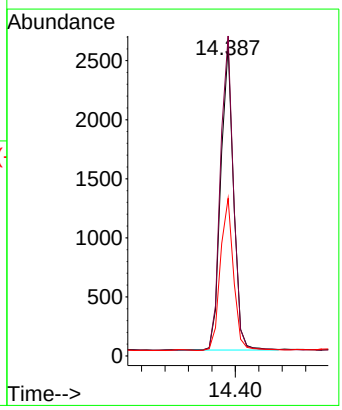


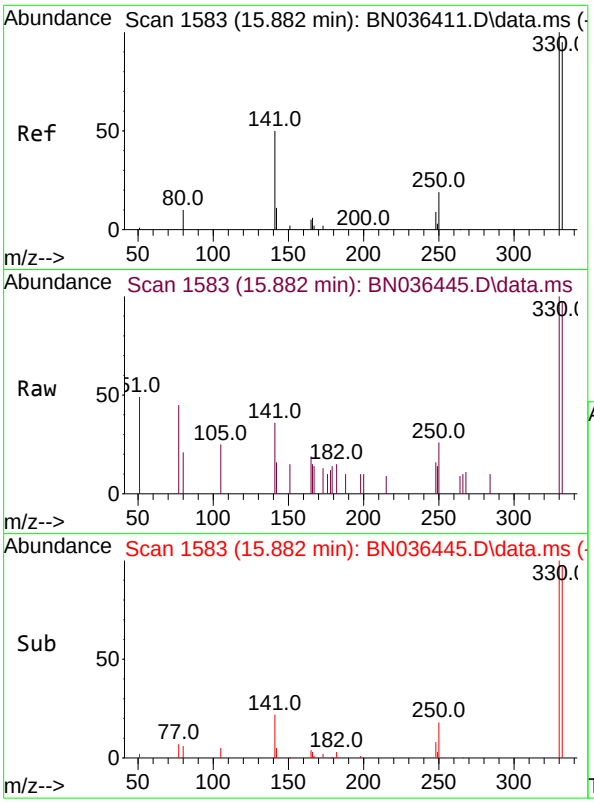


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.387 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BN036445.D
Acq: 12 Feb 2025 18:12

Tgt Ion:164 Resp: 3888

Ion	Ratio	Lower	Upper
164	100		
162	103.4	84.1	126.1
160	50.9	41.4	62.0



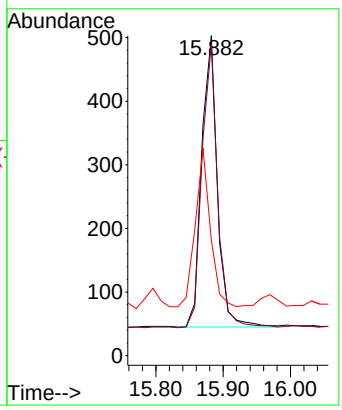


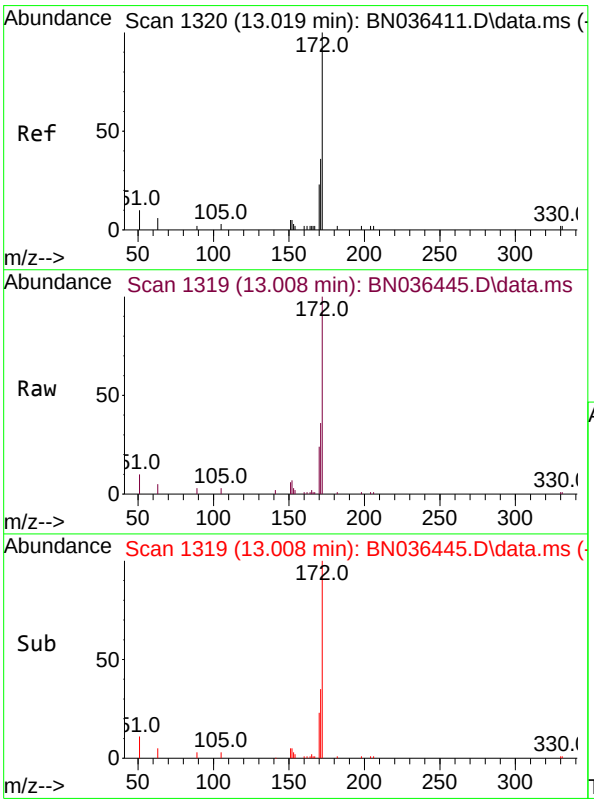
#14
2,4,6-Tribromophenol
Concen: 0.387 ng
RT: 15.882 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN036445.D
Acq: 12 Feb 2025 18:12

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-710-712

Tgt Ion:330 Resp: 746

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	114.8
141	51.7	37.8	56.8

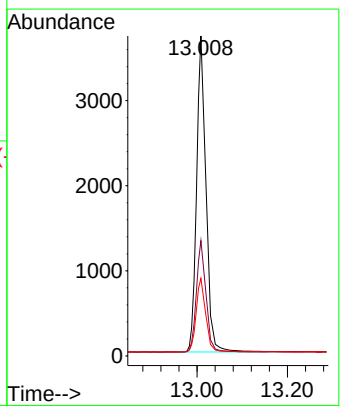


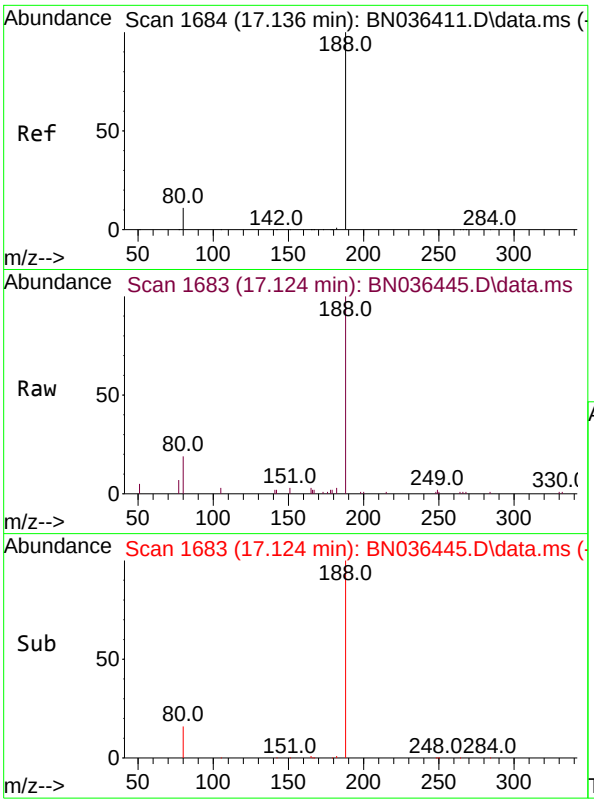


#15
2-Fluorobiphenyl
Concen: 0.436 ng
RT: 13.008 min Scan# 1319
Delta R.T. -0.011 min
Lab File: BN036445.D
Acq: 12 Feb 2025 18:12

Tgt Ion:172 Resp: 6380

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.3	19.8	29.6



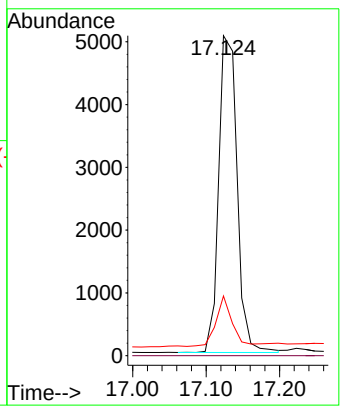


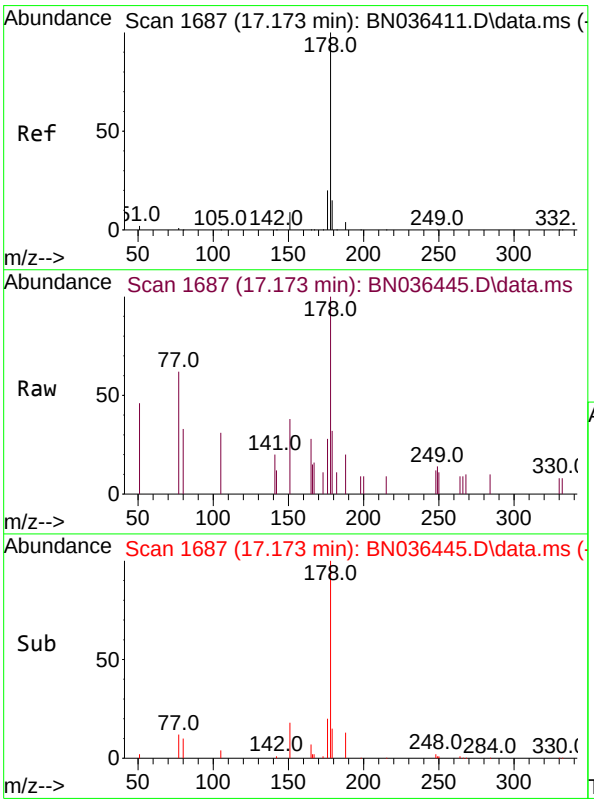
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.124 min Scan# 1(
Delta R.T. -0.013 min
Lab File: BN036445.D
Acq: 12 Feb 2025 18:12

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-710-712

Tgt Ion:188 Resp: 8786

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	18.7	9.8	14.6#

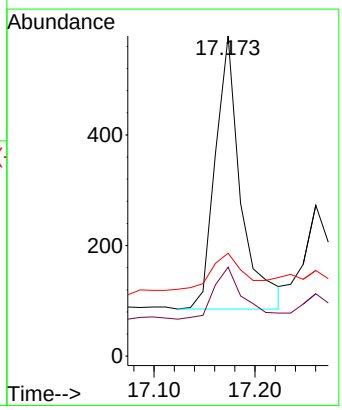


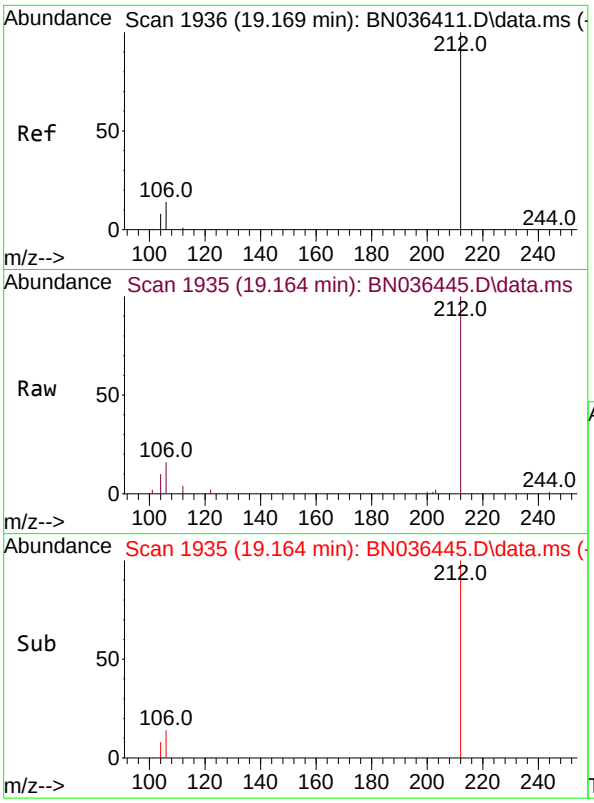


#25
Phenanthrene
Concen: 0.034 ng
RT: 17.173 min Scan# 1687
Delta R.T. -0.000 min
Lab File: BN036445.D
Acq: 12 Feb 2025 18:12

Tgt Ion:178 Resp: 871

Ion	Ratio	Lower	Upper
178	100		
176	22.2	15.7	23.5
179	26.6	12.4	18.6#



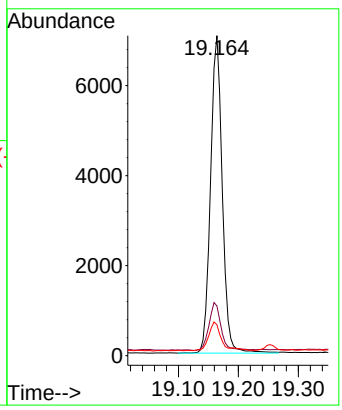


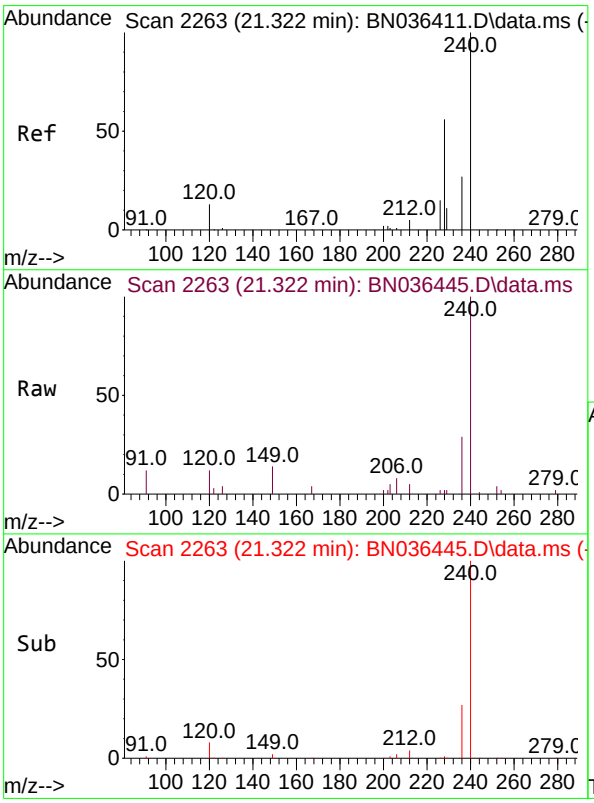
#27
Fluoranthene-d10
Concen: 0.392 ng
RT: 19.164 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN036445.D
Acq: 12 Feb 2025 18:12

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-710-712

Tgt Ion:212 Resp: 9581

Ion	Ratio	Lower	Upper
212	100		
106	15.4	11.5	17.3
104	9.5	7.1	10.7

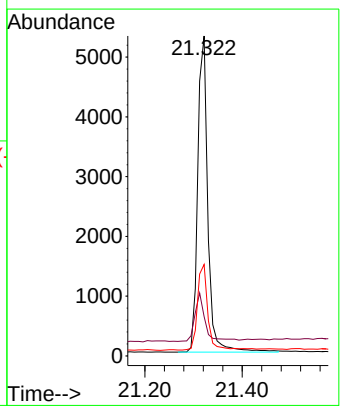


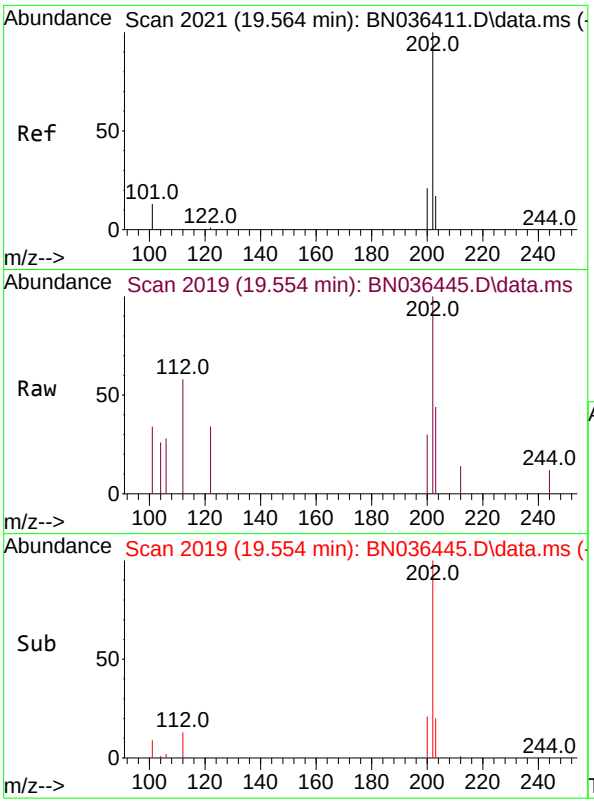


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.322 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BN036445.D
Acq: 12 Feb 2025 18:12

Tgt Ion:240 Resp: 7596

Ion	Ratio	Lower	Upper
240	100		
120	12.3	13.3	19.9#
236	28.6	23.0	34.6



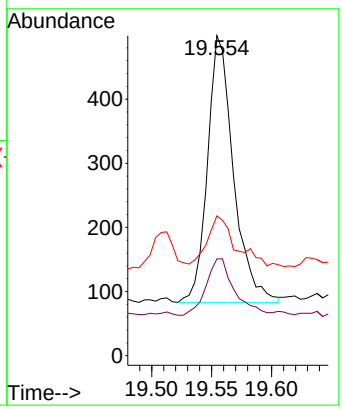


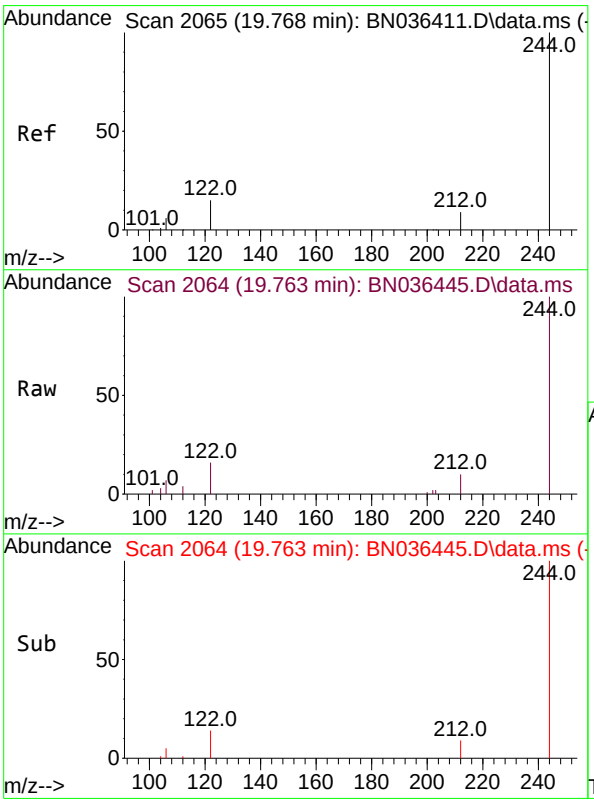
#30
Pyrene
Concen: 0.021 ng
RT: 19.554 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN036445.D
Acq: 12 Feb 2025 18:12

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-710-712

Tgt Ion:202 Resp: 627

Ion	Ratio	Lower	Upper
202	100		
200	23.0	16.9	25.3
203	22.6	13.9	20.9#

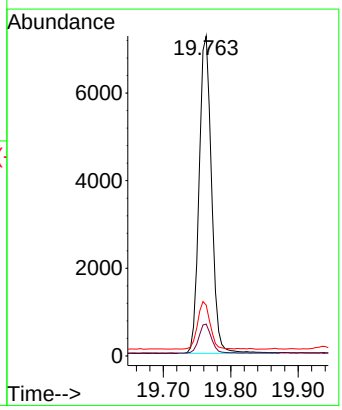


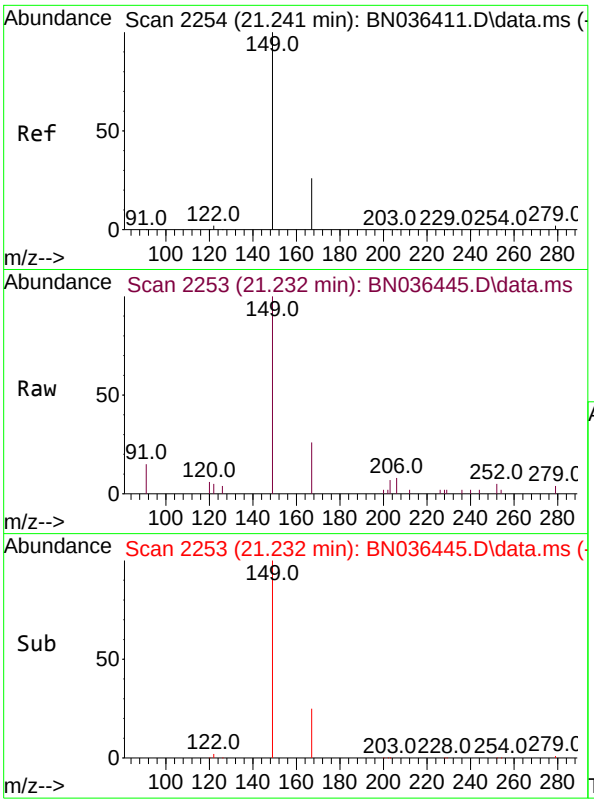


#31
Terphenyl-d14
Concen: 0.571 ng
RT: 19.763 min Scan# 2064
Delta R.T. -0.005 min
Lab File: BN036445.D
Acq: 12 Feb 2025 18:12

Tgt Ion:244 Resp: 9257

Ion	Ratio	Lower	Upper
244	100		
212	10.0	8.1	12.1
122	15.9	12.8	19.2



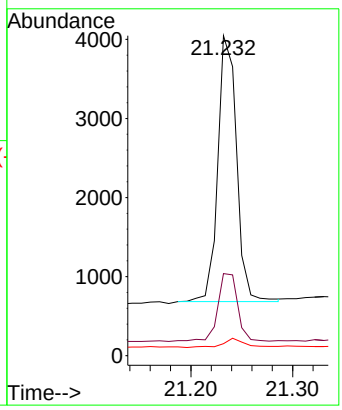


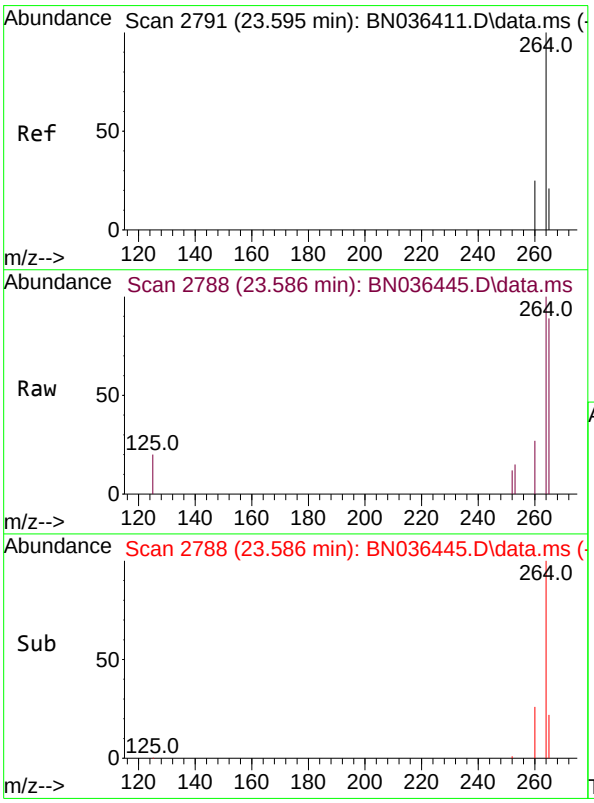
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.276 ng
RT: 21.232 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN036445.D
Acq: 12 Feb 2025 18:12

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-710-712

Tgt Ion:149 Resp: 4302

Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.2	31.8
279	3.9	2.7	4.1





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.586 min Scan# 2788
Delta R.T. -0.009 min
Lab File: BN036445.D
Acq: 12 Feb 2025 18:12

Tgt Ion:264 Resp: 6347

Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.9	31.3
265	88.8	60.7	91.1