Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011025\
Data File : BN035909.D
Acq On : 10 Jan 2025 19:32
Operator : RC/JU
Sample : Q1062-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
VPB190A-HYD-20250107

Quant Time: Jan 10 21:47:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 02 15:39:17 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.832	152	817	0.400	ng	0.00
7) Naphthalene-d8	10.622	136	1521	0.400	ng	0.00
13) Acenaphthene-d10	14.463	164	731	0.400	ng	0.00
19) Phenanthrene-d10	17.199	188	1449	0.400	ng	#-0.01
29) Chrysene-d12	21.385	240	1298	0.400	ng	0.00
35) Perylene-d12	23.683	264	1410	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.405	112	144	0.072	ng	0.00
5) Phenol-d6	6.979	99	16	0.006	ng	0.00
8) Nitrobenzene-d5	8.977	82	617	0.512	ng	0.00
11) 2-Methylnaphthalene-d10	12.213	152	564	0.277	ng	0.00
14) 2,4,6-Tribromophenol	15.945	330	135	0.385	ng	-0.01
15) 2-Fluorobiphenyl	13.094	172	1521	0.474	ng	0.00
27) Fluoranthene-d10	19.234	212	1655	0.460	ng	0.00
31) Terphenyl-d14	19.834	244	1311	0.507	ng	0.00
Target Compounds						Qvalue
28) Fluoranthene	19.262	202	113	0.023	ng	# 96
33) Chrysene	21.421	228	111	0.023	ng	# 46
34) Bis(2-ethylhexyl)phtha...	21.313	149	4439	2.384	ng	96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011025\
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Misc :
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VPB190A-HYD-20250107

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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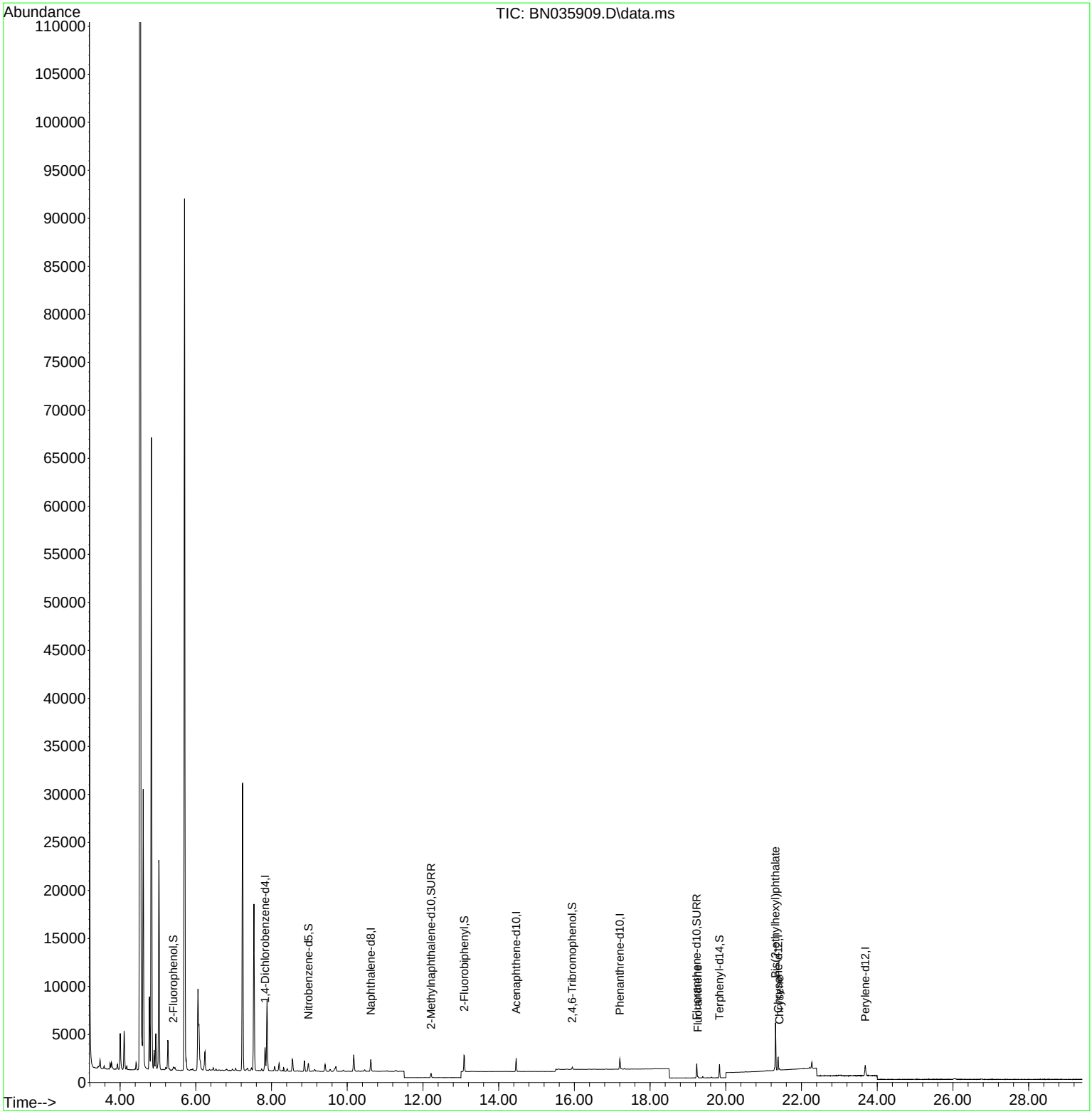
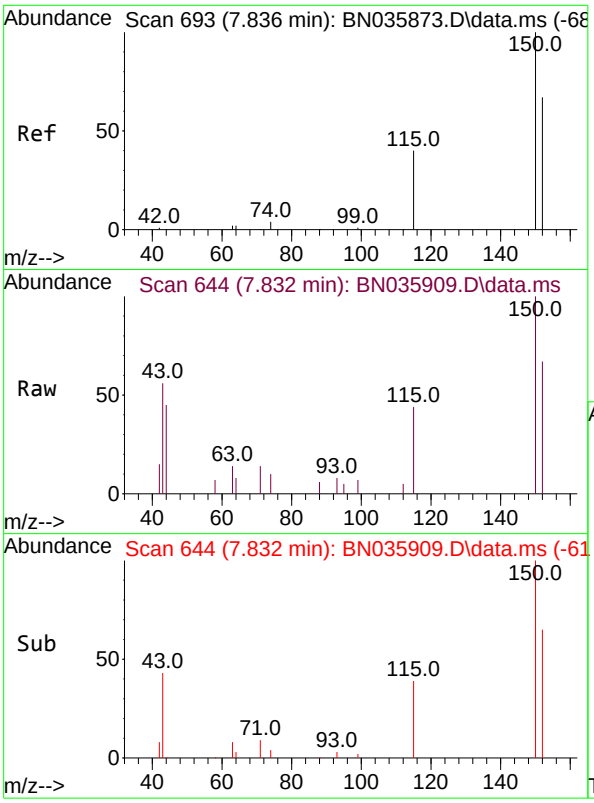


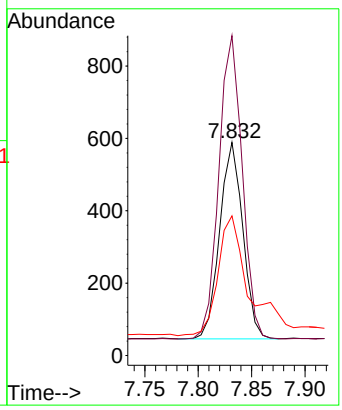


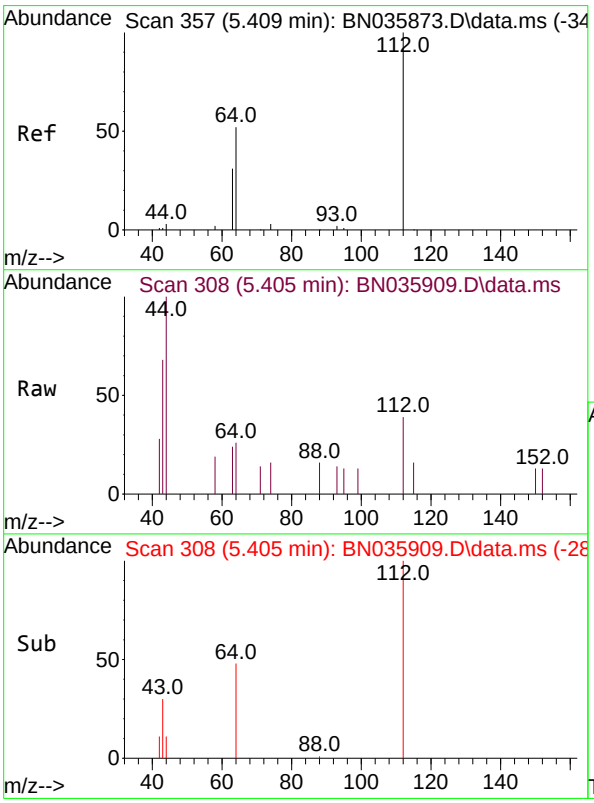
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.832 min Scan# 64
Delta R.T. -0.005 min
Lab File: BN035909.D
Acq: 10 Jan 2025 19:32

Instrument :
BNA_N
ClientSampleId :
VPB190A-HYD-20250107

Tgt Ion:152 Resp: 817

Ion	Ratio	Lower	Upper
152	100		
150	150.1	117.8	176.6
115	65.5	51.0	76.4

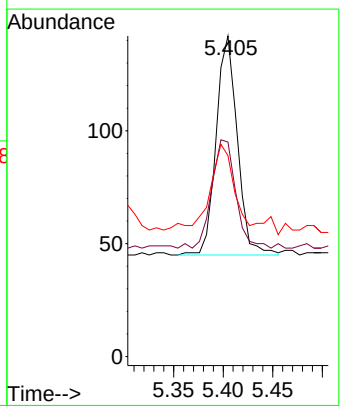


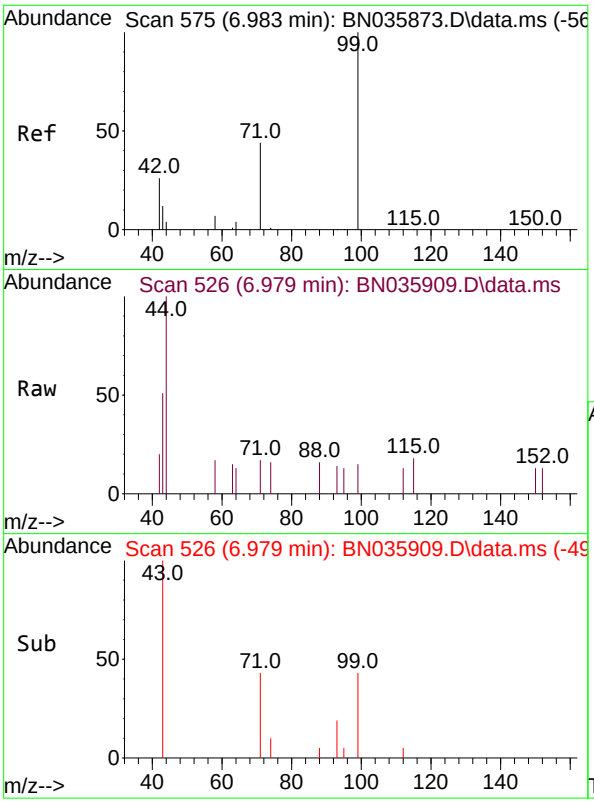


#4
2-Fluorophenol
Concen: 0.072 ng
RT: 5.405 min Scan# 308
Delta R.T. -0.004 min
Lab File: BN035909.D
Acq: 10 Jan 2025 19:32

Tgt Ion:112 Resp: 144

Ion	Ratio	Lower	Upper
112	100		
64	56.9	48.2	72.2
63	44.4	30.0	45.0



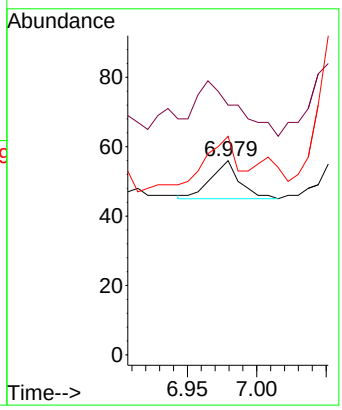


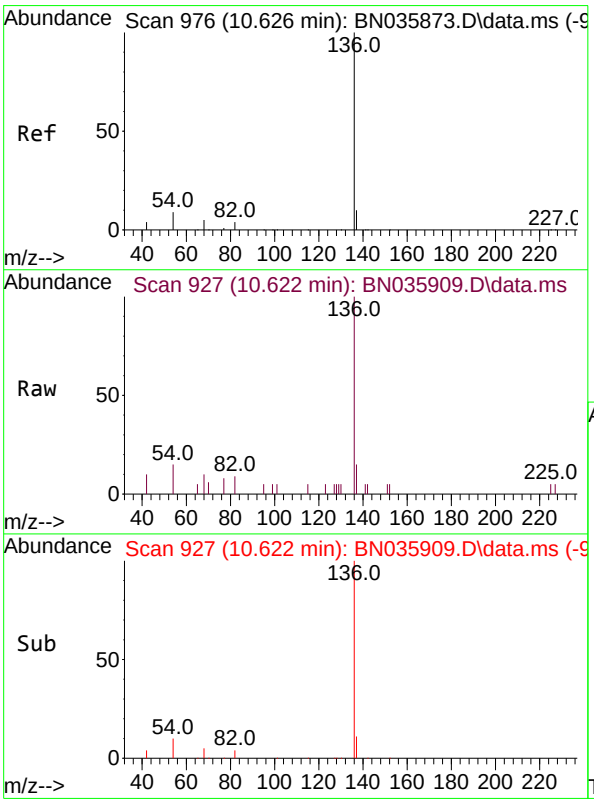
#5
Phenol-d6
Concen: 0.006 ng
RT: 6.979 min Scan# 5
Delta R.T. -0.004 min
Lab File: BN035909.D
Acq: 10 Jan 2025 19:32

Instrument :
BNA_N
ClientSampleId :
VPB190A-HYD-20250107

Tgt Ion: 99 Resp: 16

Ion	Ratio	Lower	Upper
99	100		
42	193.8	23.5	35.3#
71	156.3	35.5	53.3#

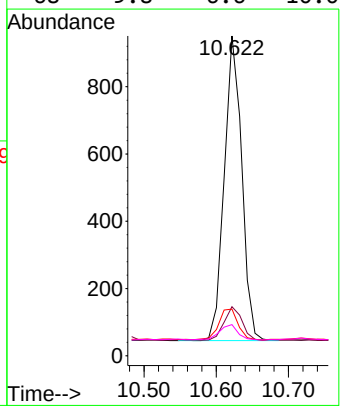


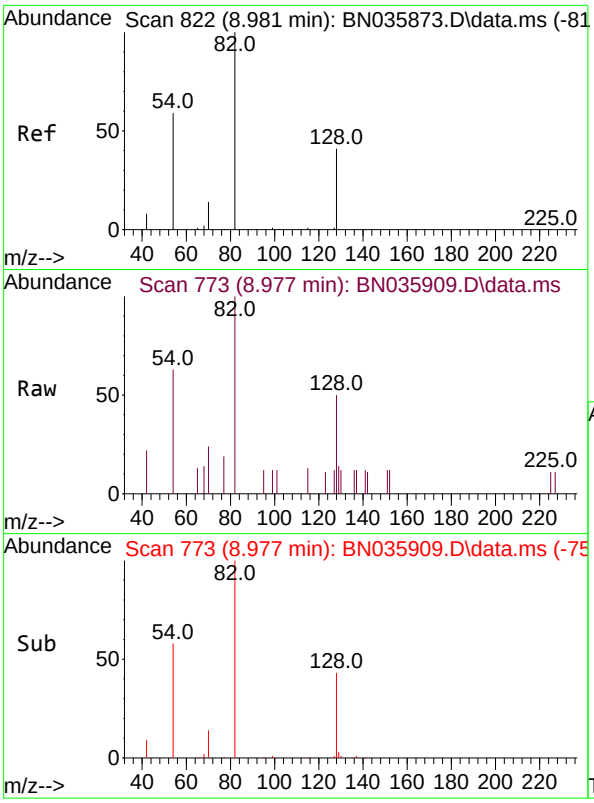


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.622 min Scan# 927
Delta R.T. -0.004 min
Lab File: BN035909.D
Acq: 10 Jan 2025 19:32

Tgt Ion:136 Resp: 1521

Ion	Ratio	Lower	Upper
136	100		
137	15.4	10.6	15.8
54	14.6	9.8	14.6
68	9.8	6.6	10.0



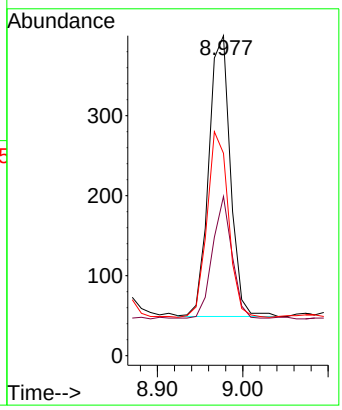


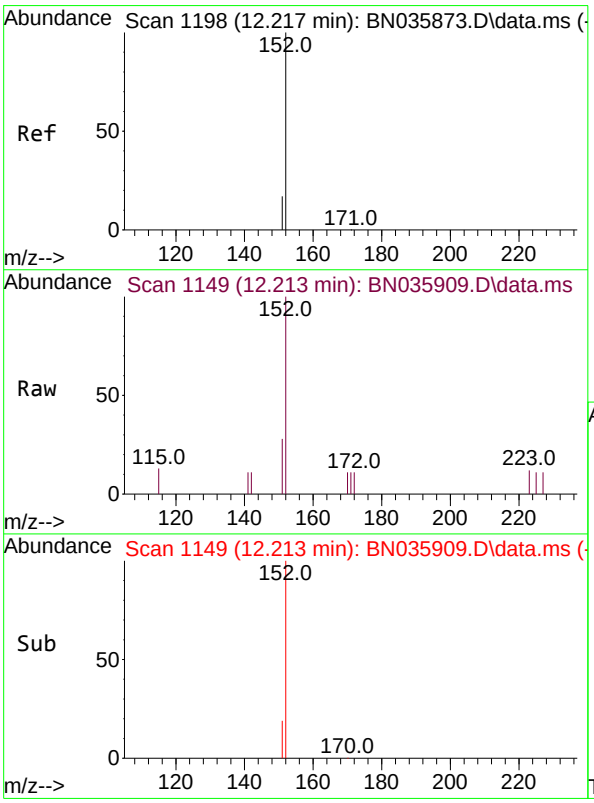
#8
Nitrobenzene-d5
Concen: 0.512 ng
RT: 8.977 min Scan# 7
Delta R.T. -0.004 min
Lab File: BN035909.D
Acq: 10 Jan 2025 19:32

Instrument :
BNA_N
ClientSampleId :
VPB190A-HYD-20250107

Tgt Ion: 82 Resp: 617

Ion	Ratio	Lower	Upper
82	100		
128	49.8	36.9	55.3
54	63.2	50.4	75.6

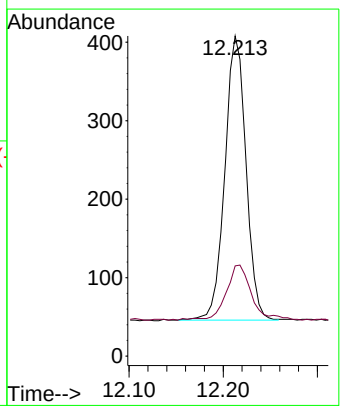


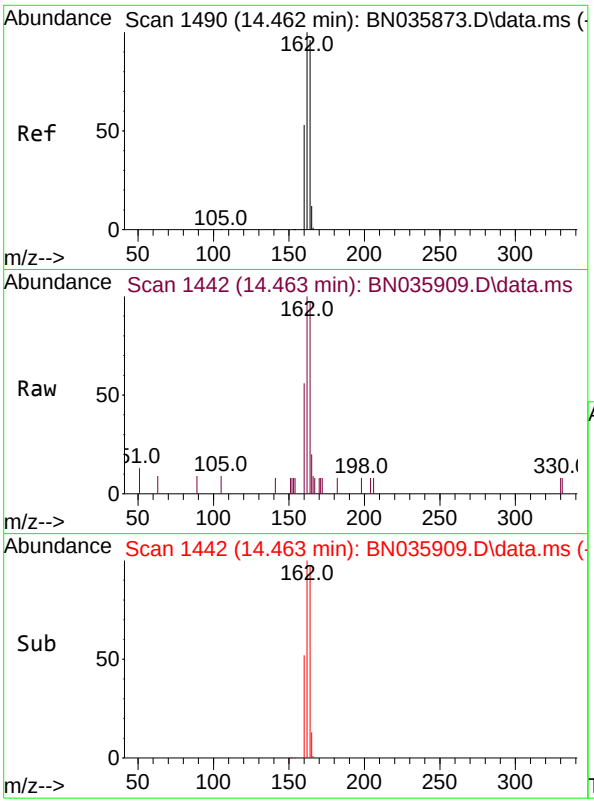


#11
2-Methylnaphthalene-d10
Concen: 0.277 ng
RT: 12.213 min Scan# 1149
Delta R.T. -0.004 min
Lab File: BN035909.D
Acq: 10 Jan 2025 19:32

Tgt Ion:152 Resp: 564

Ion	Ratio	Lower	Upper
152	100		
151	23.2	17.0	25.6



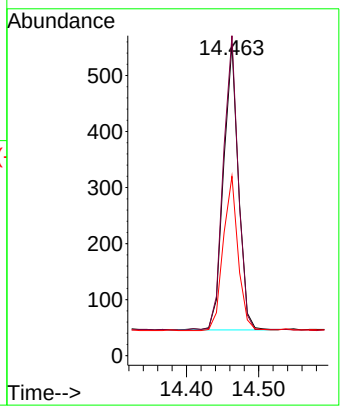


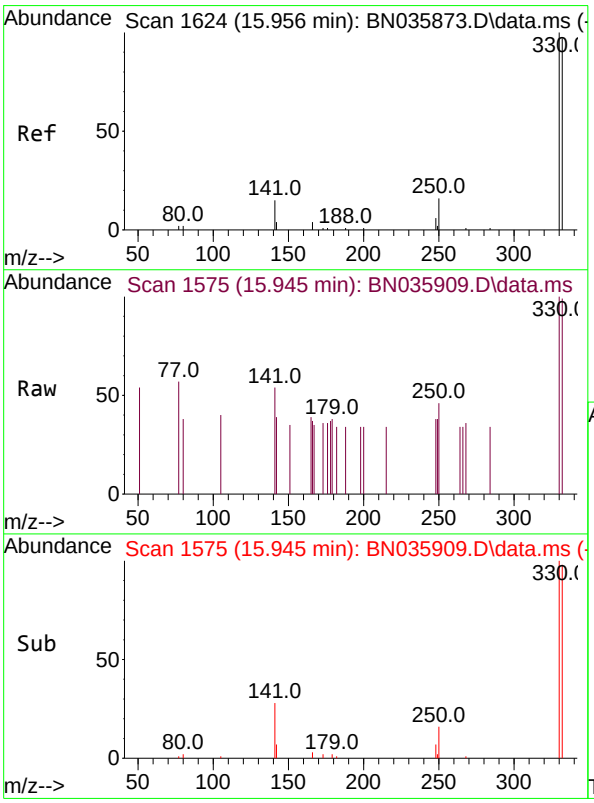
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 14
Delta R.T. 0.001 min
Lab File: BN035909.D
Acq: 10 Jan 2025 19:32

Instrument :
BNA_N
ClientSampleId :
VPB190A-HYD-20250107

Tgt Ion:164 Resp: 731

Ion	Ratio	Lower	Upper
164	100		
162	102.7	83.1	124.7
160	57.6	46.0	69.0

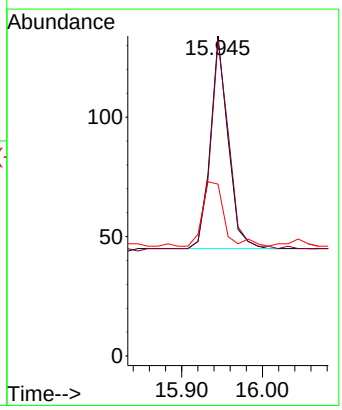


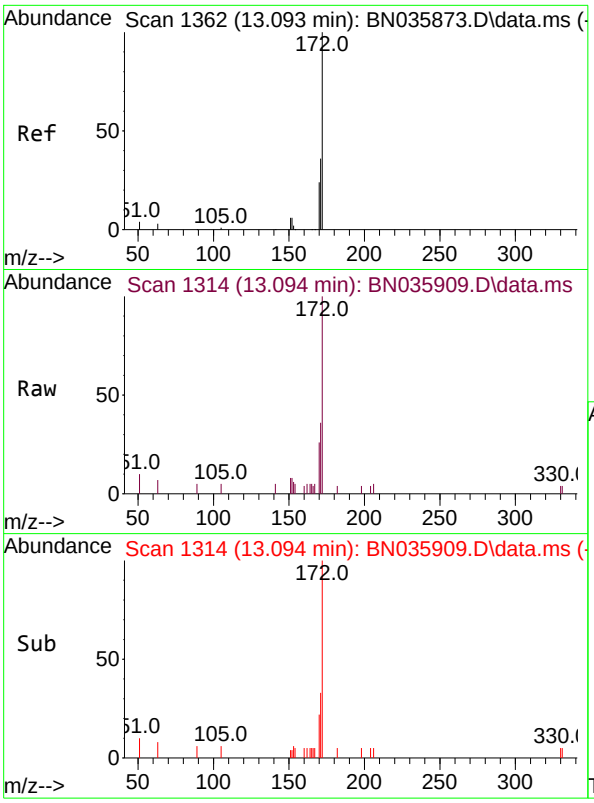


#14
2,4,6-Tribromophenol
Concen: 0.385 ng
RT: 15.945 min Scan# 1575
Delta R.T. -0.011 min
Lab File: BN035909.D
Acq: 10 Jan 2025 19:32

Tgt Ion:330 Resp: 135

Ion	Ratio	Lower	Upper
330	100		
332	108.9	77.2	115.8
141	37.8	31.6	47.4





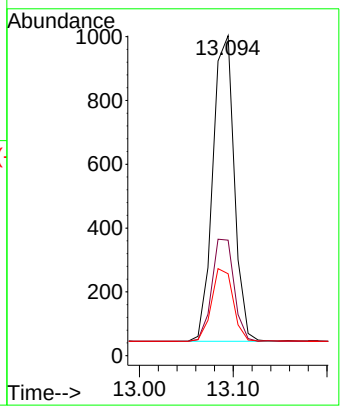
#15
2-Fluorobiphenyl
Concen: 0.474 ng
RT: 13.094 min Scan# 1

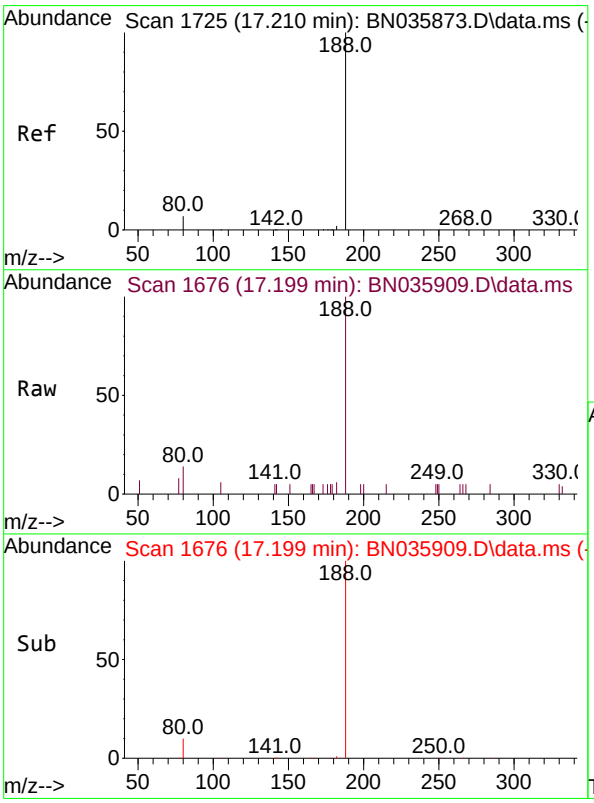
Instrument :
BNA_N
ClientSampleId :
VPB190A-HYD-20250107

Delta R.T. 0.001 min
Lab File: BN035909.D
Acq: 10 Jan 2025 19:32

Tgt Ion:172 Resp: 1521

Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.5	45.7
170	25.6	20.8	31.2

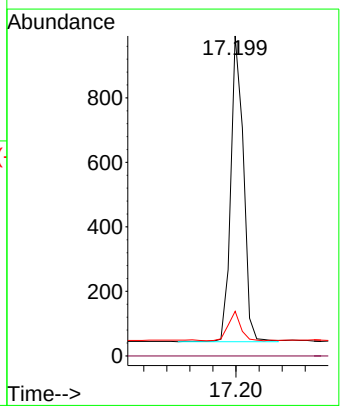


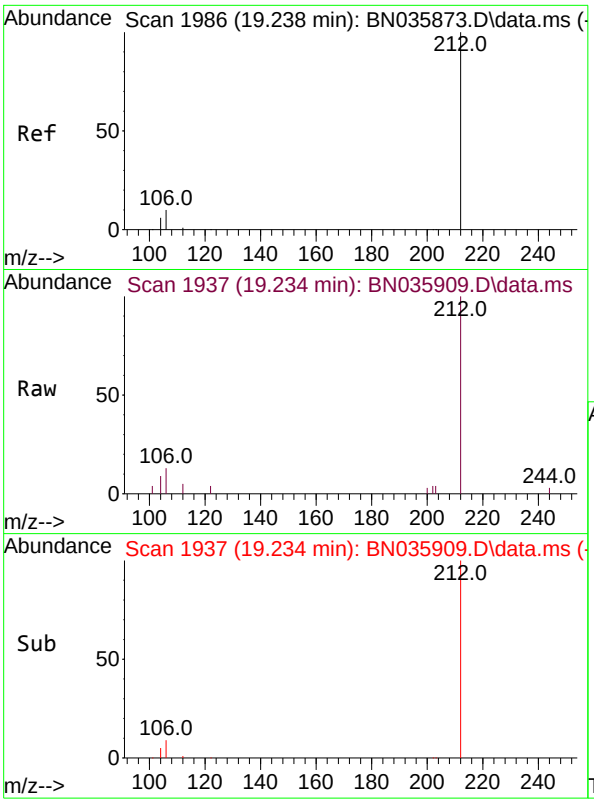


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.199 min Scan# 1676
Delta R.T. -0.011 min
Lab File: BN035909.D
Acq: 10 Jan 2025 19:32

Tgt Ion:188 Resp: 1449

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.9	7.3	10.9#



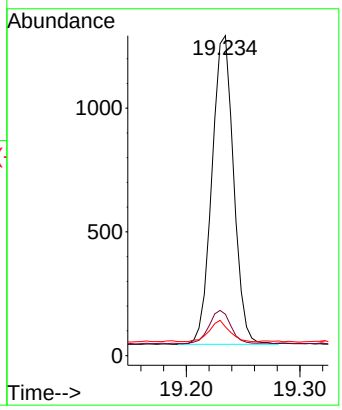


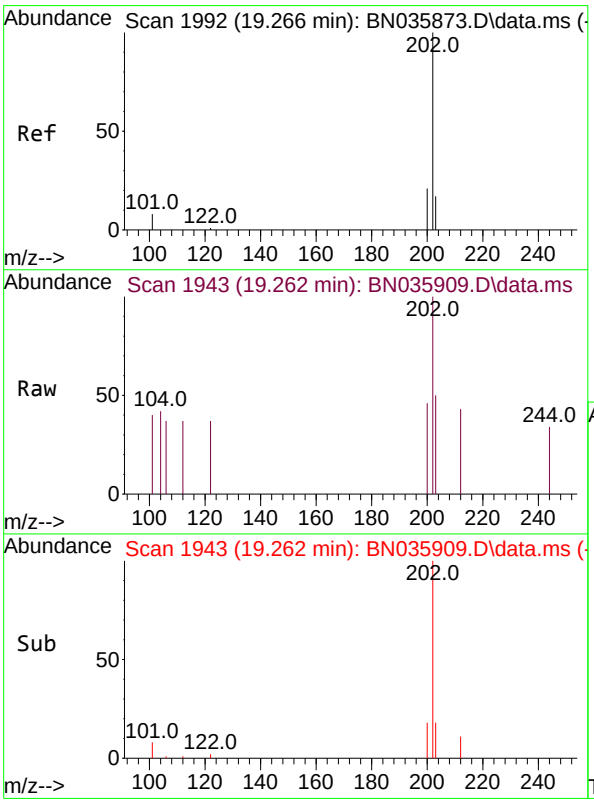
#27
Fluoranthene-d10
Concen: 0.460 ng
RT: 19.234 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN035909.D
Acq: 10 Jan 2025 19:32

Instrument :
BNA_N
ClientSampleId :
VPB190A-HYD-20250107

Tgt Ion:212 Resp: 1655

Ion	Ratio	Lower	Upper
212	100		
106	10.8	9.0	13.6
104	6.3	5.4	8.2

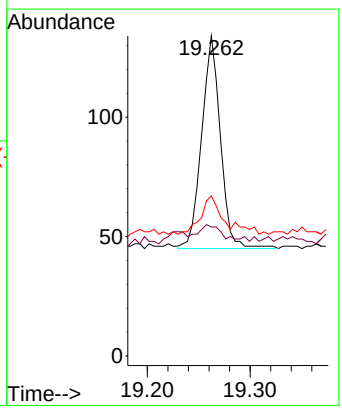


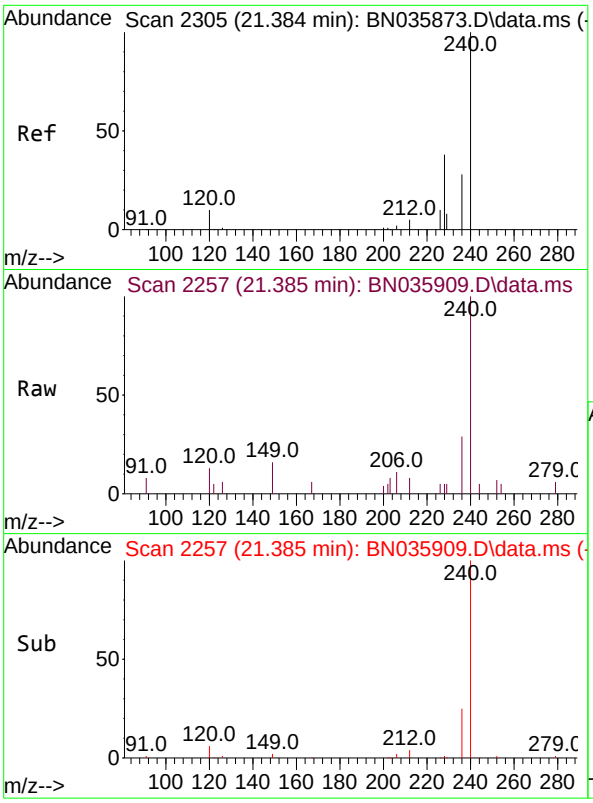


#28
Fluoranthene
Concen: 0.023 ng
RT: 19.262 min Scan# 1943
Delta R.T. -0.004 min
Lab File: BN035909.D
Acq: 10 Jan 2025 19:32

Tgt Ion:202 Resp: 113

Ion	Ratio	Lower	Upper
202	100		
101	7.1	7.2	10.8#
203	18.6	13.9	20.9



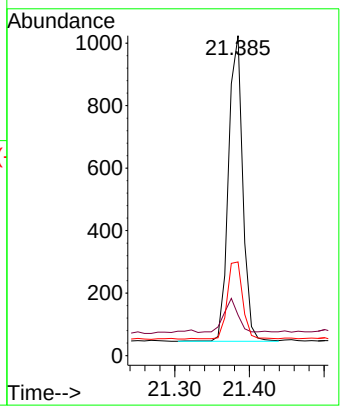


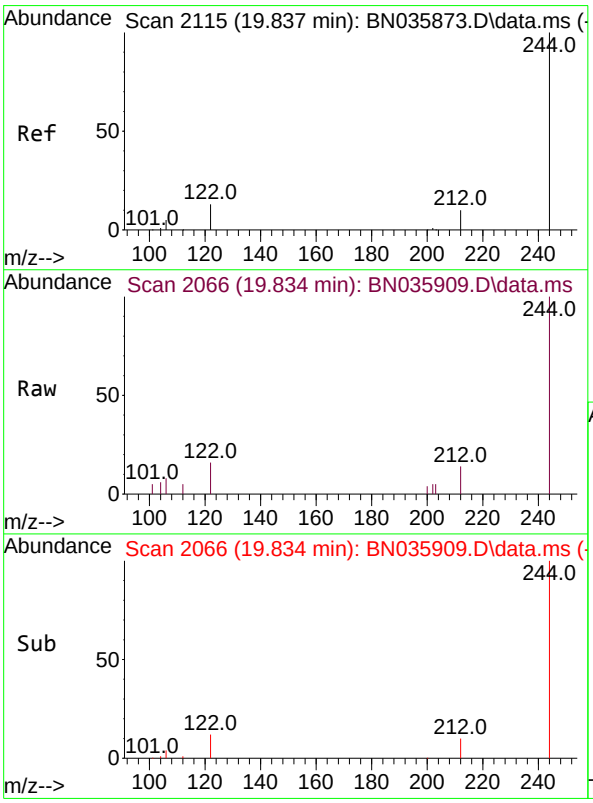
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.385 min Scan# 2
Delta R.T. 0.001 min
Lab File: BN035909.D
Acq: 10 Jan 2025 19:32

Instrument :
BNA_N
ClientSampleId :
VPB190A-HYD-20250107

Tgt Ion:240 Resp: 1298

Ion	Ratio	Lower	Upper
240	100		
120	12.7	11.1	16.7
236	29.3	24.6	36.8

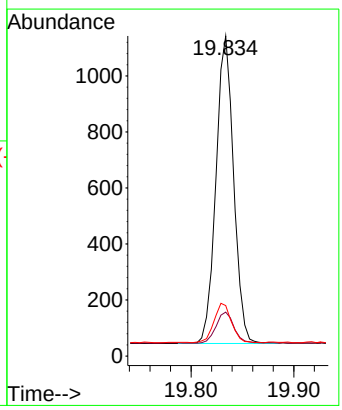


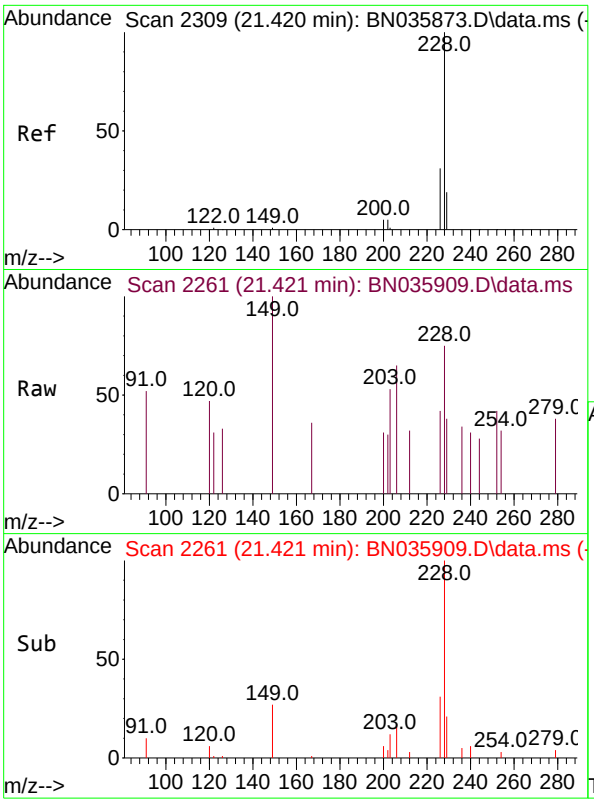


#31
Terphenyl-d14
Concen: 0.507 ng
RT: 19.834 min Scan# 2066
Delta R.T. -0.004 min
Lab File: BN035909.D
Acq: 10 Jan 2025 19:32

Tgt Ion:244 Resp: 1311

Ion	Ratio	Lower	Upper
244	100		
212	13.7	10.1	15.1
122	15.7	12.2	18.4



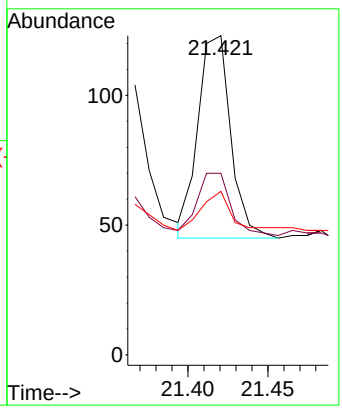


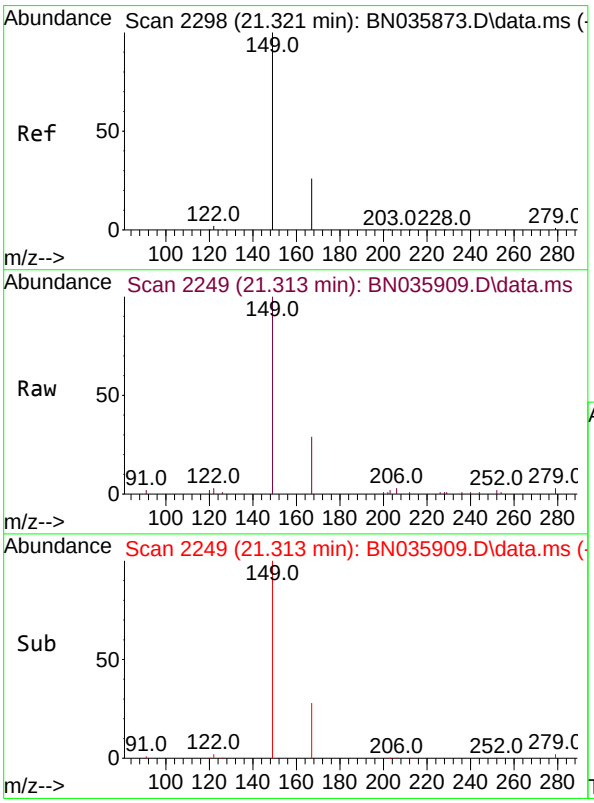
#33
Chrysene
Concen: 0.023 ng
RT: 21.421 min Scan# 2
Delta R.T. 0.001 min
Lab File: BN035909.D
Acq: 10 Jan 2025 19:32

Instrument :
BNA_N
ClientSampleId :
VPB190A-HYD-20250107

Tgt Ion:228 Resp: 111

Ion	Ratio	Lower	Upper
228	100		
226	56.9	25.2	37.8#
229	51.2	16.0	24.0#

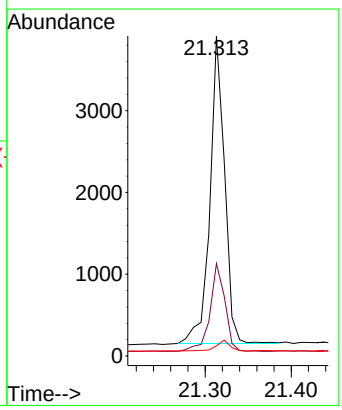


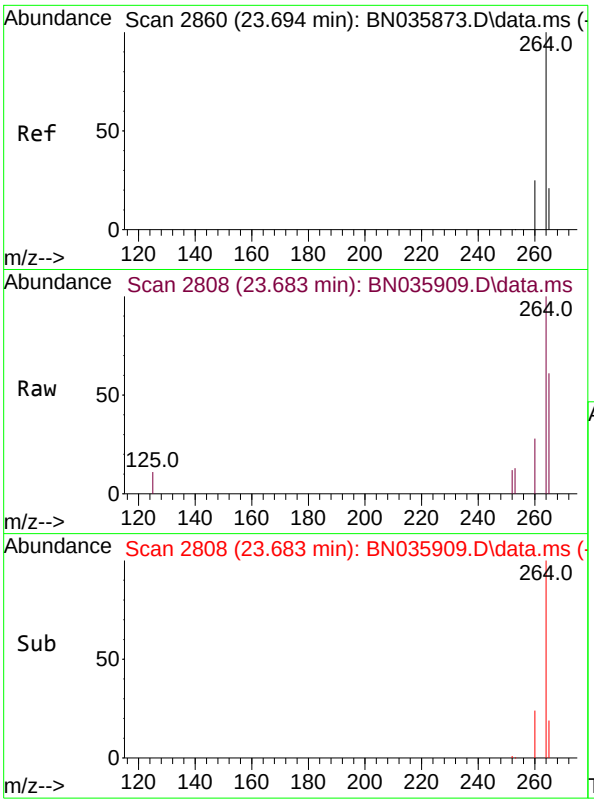


#34
Bis(2-ethylhexyl)phthalate
Concen: 2.384 ng
RT: 21.313 min Scan# 2249
Delta R.T. -0.008 min
Lab File: BN035909.D
Acq: 10 Jan 2025 19:32

Tgt Ion:149 Resp: 4439

Ion	Ratio	Lower	Upper
149	100		
167	29.1	21.4	32.0
279	3.3	3.0	4.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.683 min Scan# 2
Delta R.T. -0.011 min
Lab File: BN035909.D
Acq: 10 Jan 2025 19:32

Instrument :
BNA_N
ClientSampleId :
VPB190A-HYD-20250107

Tgt Ion:264 Resp: 1410

Ion	Ratio	Lower	Upper
264	100		
260	28.5	21.7	32.5
265	61.1	33.9	50.9#