

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
 Data File : BN038316.D
 Acq On : 11 Dec 2025 14:14
 Operator : RC/JU
 Sample : Q3757-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OW-05B-72-120325

Quant Time: Dec 11 14:38:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 10 13:56:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

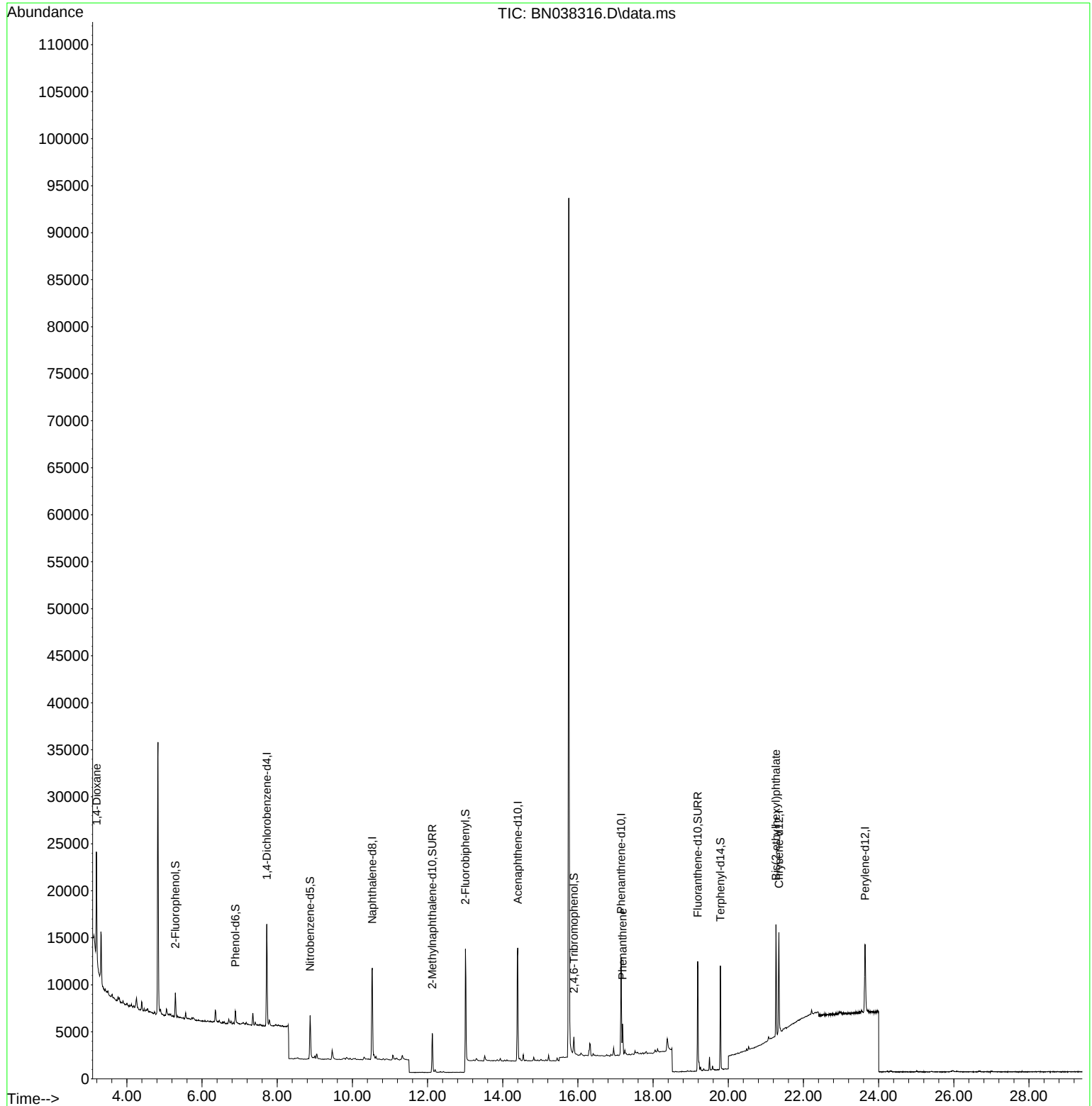
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	5450	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	14372	0.400	ng	0.00
13) Acenaphthene-d10	14.398	164	7355	0.400	ng	0.00
19) Phenanthrene-d10	17.148	188	13319	0.400	ng	# 0.00
29) Chrysene-d12	21.349	240	10405	0.400	ng	0.00
35) Perylene-d12	23.639	264	10487	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	2065	0.152	ng	0.00
5) Phenol-d6	6.887	99	1378	0.085	ng	0.00
8) Nitrobenzene-d5	8.875	82	4144	0.342	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	5838	0.288	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	1043	0.320	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	10746	0.303	ng	0.00
27) Fluoranthene-d10	19.187	212	12740	0.387	ng	0.00
31) Terphenyl-d14	19.791	244	10158	0.437	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.196	88	6694	1.071	ng	# 93
25) Phenanthrene	17.186	178	3533	0.076	ng	98
34) Bis(2-ethylhexyl)phtha...	21.268	149	10515	0.477	ng	100

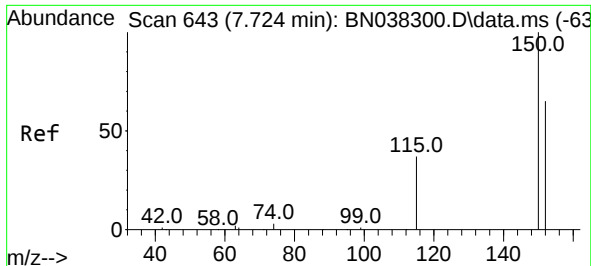
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
Data File : BN038316.D
Acq On : 11 Dec 2025 14:14
Operator : RC/JU
Sample : Q3757-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
OW-05B-72-120325

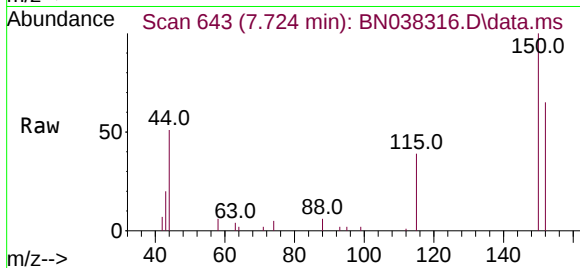
Quant Time: Dec 11 14:38:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration



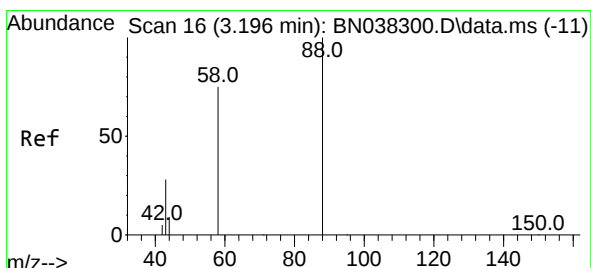
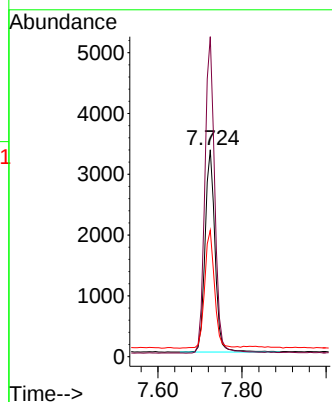
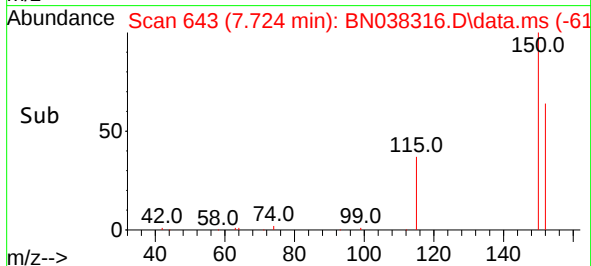


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN038316.D
 Acq: 11 Dec 2025 14:14

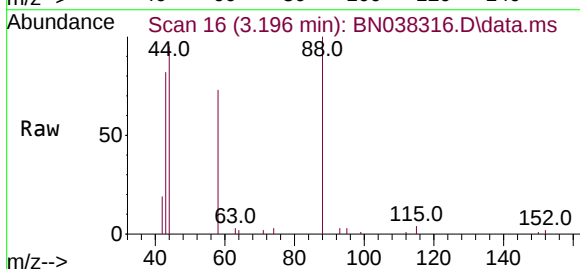
Instrument :
 BNA_N
 ClientSampleId :
 OW-05B-72-120325



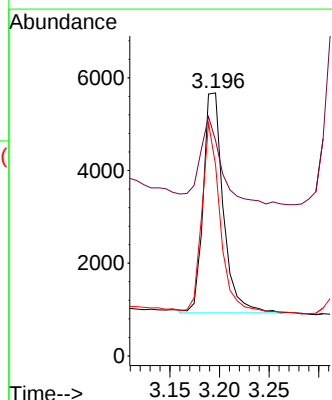
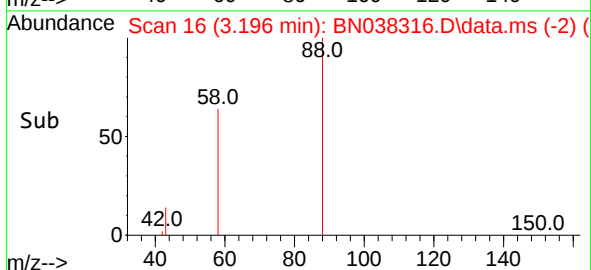
Tgt Ion:152 Resp: 5450
 Ion Ratio Lower Upper
 152 100
 150 154.8 122.4 183.6
 115 61.1 47.3 70.9

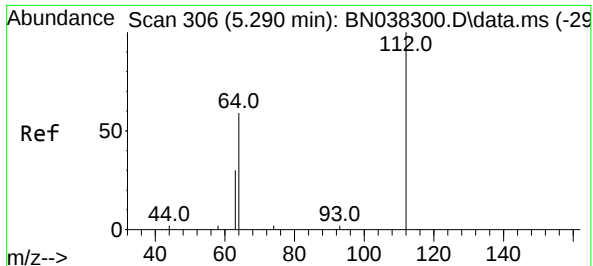


#2
 1,4-Dioxane
 Concen: 1.071 ng
 RT: 3.196 min Scan# 16
 Delta R.T. 0.000 min
 Lab File: BN038316.D
 Acq: 11 Dec 2025 14:14



Tgt Ion: 88 Resp: 6694
 Ion Ratio Lower Upper
 88 100
 43 43.1 24.9 37.3#
 58 77.8 61.4 92.0

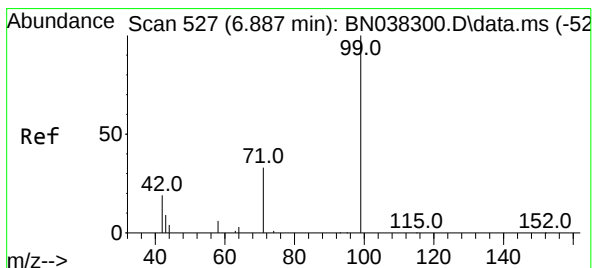
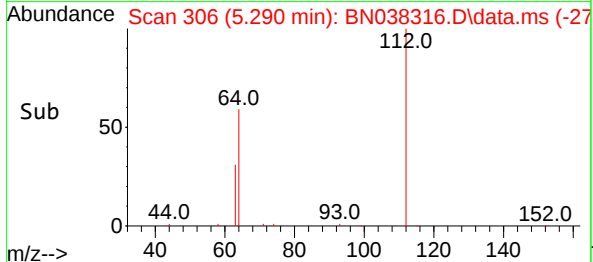
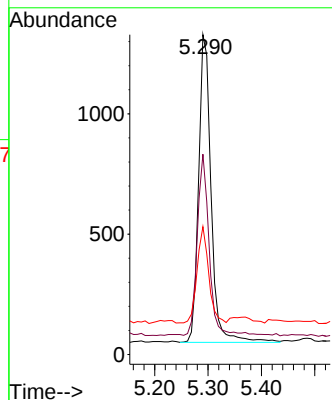
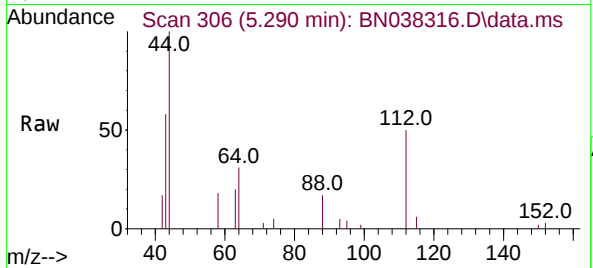




#4
2-Fluorophenol
Concen: 0.152 ng
RT: 5.290 min Scan# 306
Delta R.T. 0.000 min
Lab File: BN038316.D
Acq: 11 Dec 2025 14:14

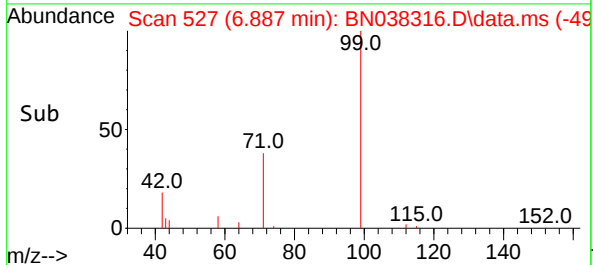
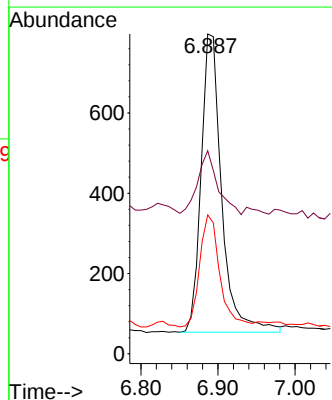
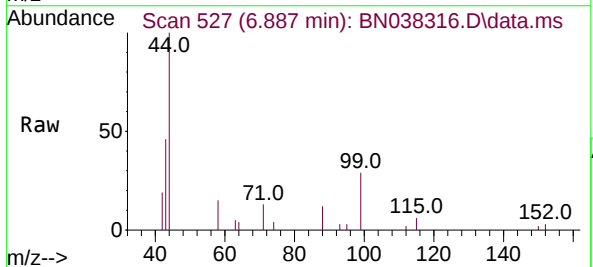
Instrument :
BNA_N
ClientSampleId :
OW-05B-72-120325

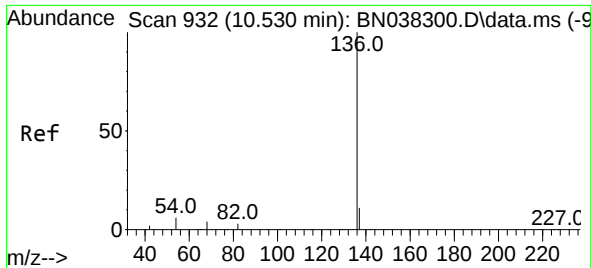
Tgt Ion:112 Resp: 2065
Ion Ratio Lower Upper
112 100
64 55.9 44.4 66.6
63 29.0 23.4 35.0



#5
Phenol-d6
Concen: 0.085 ng
RT: 6.887 min Scan# 527
Delta R.T. 0.000 min
Lab File: BN038316.D
Acq: 11 Dec 2025 14:14

Tgt Ion: 99 Resp: 1378
Ion Ratio Lower Upper
99 100
42 20.7 16.5 24.7
71 36.7 24.9 37.3

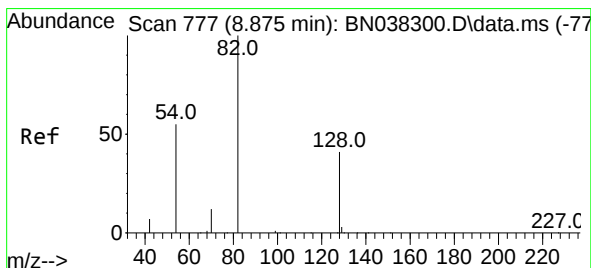
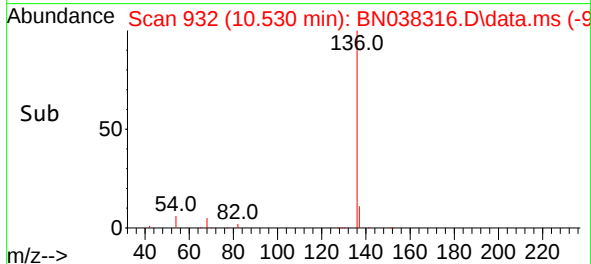
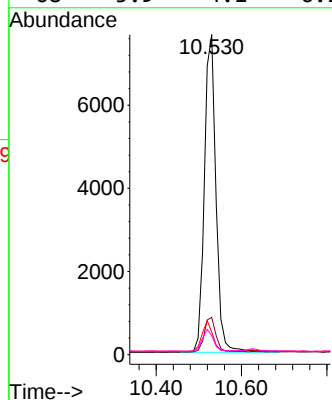
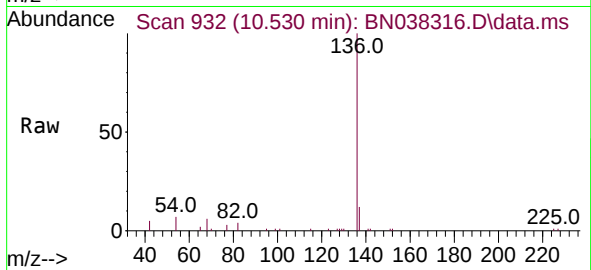




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 932
Delta R.T. 0.000 min
Lab File: BN038316.D
Acq: 11 Dec 2025 14:14

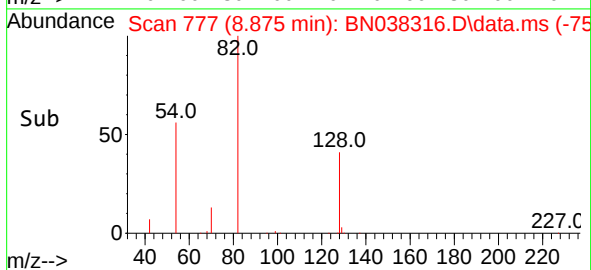
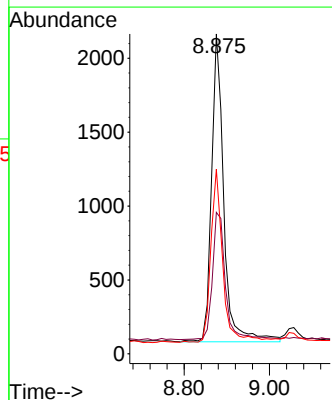
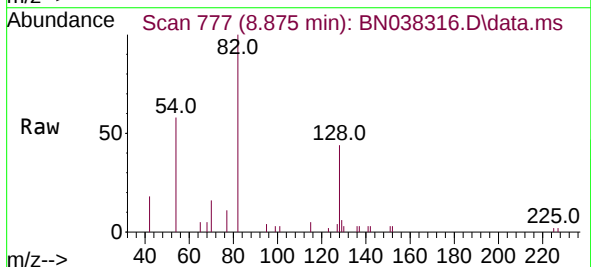
Instrument :
BNA_N
ClientSampleId :
OW-05B-72-120325

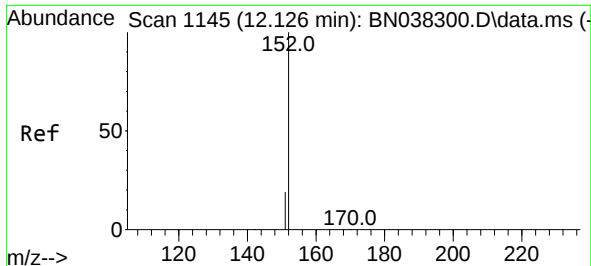
Tgt Ion:	136	Resp:	14372
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	7.1	5.2	7.8
68	5.9	4.1	6.1



#8
Nitrobenzene-d5
Concen: 0.342 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN038316.D
Acq: 11 Dec 2025 14:14

Tgt Ion:	82	Resp:	4144
Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.0	51.0
54	57.7	44.4	66.6

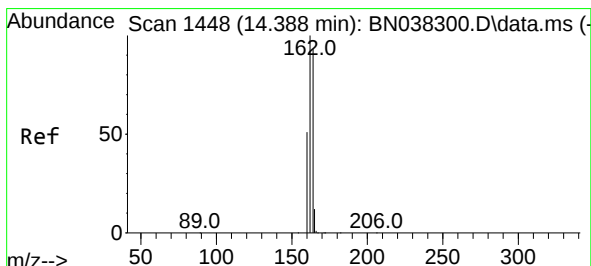
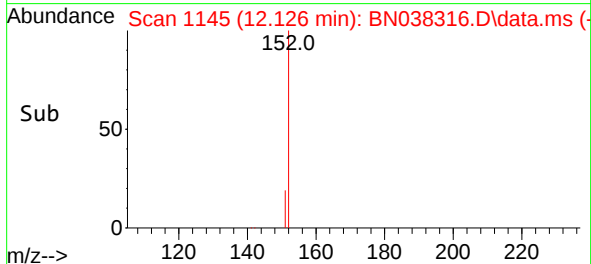
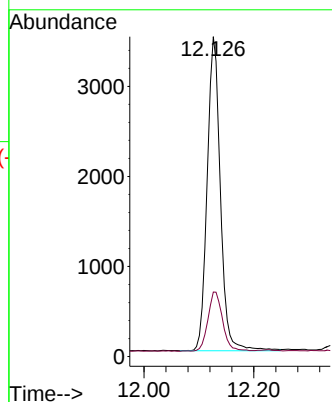
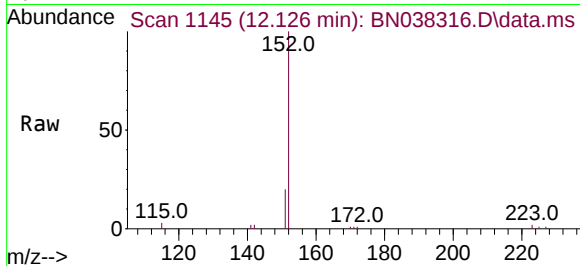




#11
2-Methylnaphthalene-d10
Concen: 0.288 ng
RT: 12.126 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BN038316.D
Acq: 11 Dec 2025 14:14

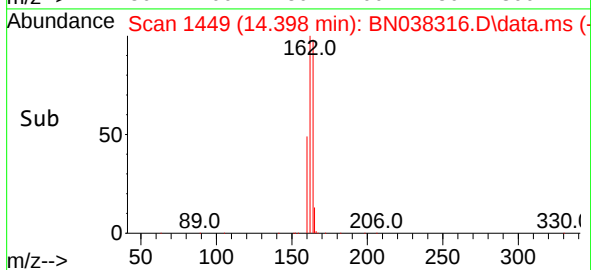
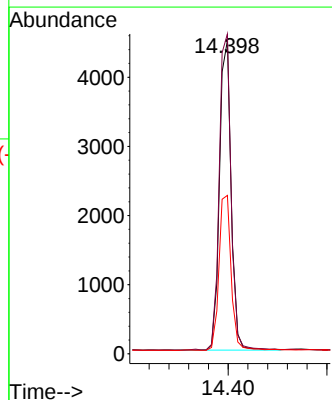
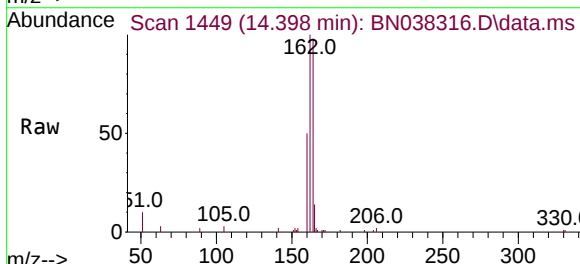
Instrument :
BNA_N
ClientSampleId :
OW-05B-72-120325

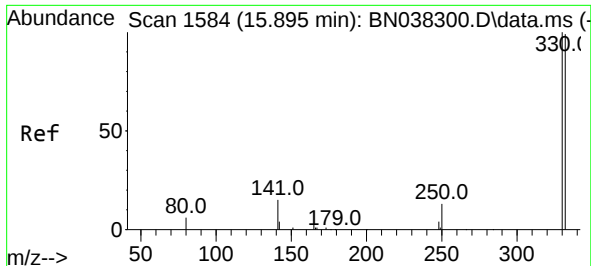
Tgt Ion:152 Resp: 5838
Ion Ratio Lower Upper
152 100
151 20.8 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.398 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BN038316.D
Acq: 11 Dec 2025 14:14

Tgt Ion:164 Resp: 7355
Ion Ratio Lower Upper
164 100
162 102.1 86.2 129.4
160 50.6 44.6 67.0

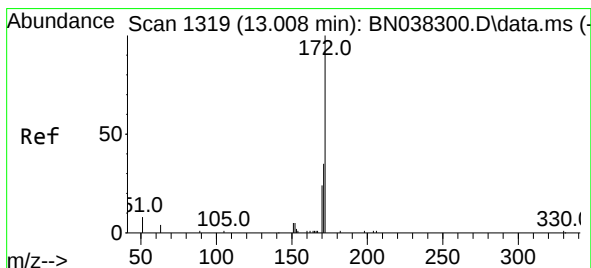
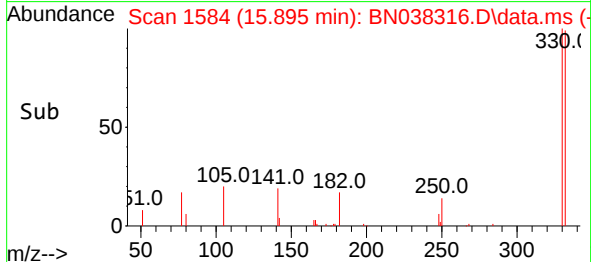
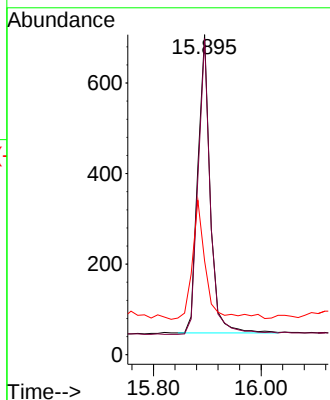
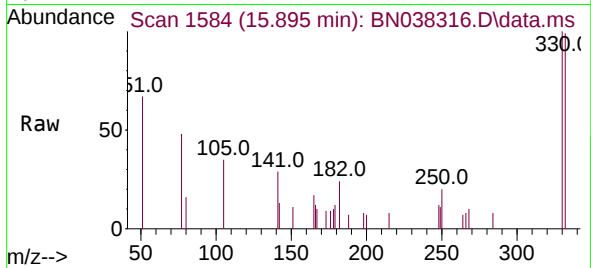




#14
 2,4,6-Tribromophenol
 Concen: 0.320 ng
 RT: 15.895 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN038316.D
 Acq: 11 Dec 2025 14:14

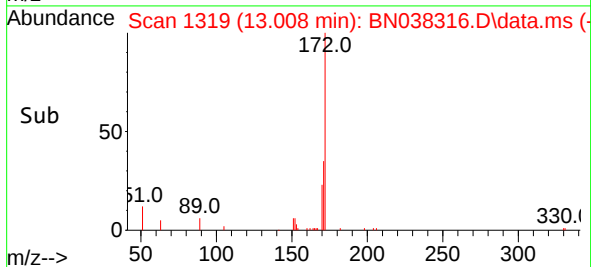
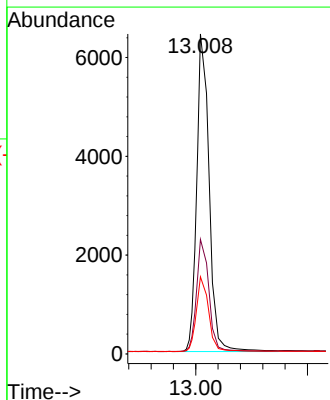
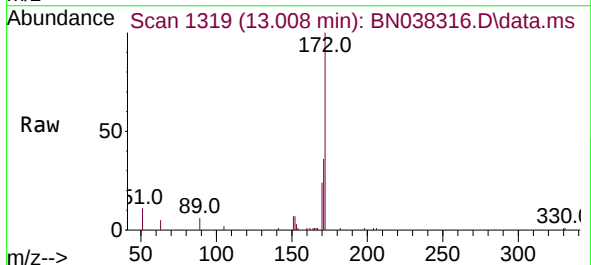
Instrument :
 BNA_N
 ClientSampleId :
 OW-05B-72-120325

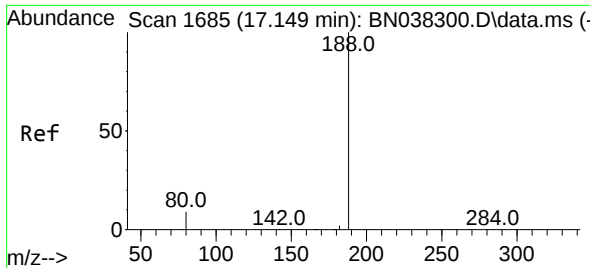
Tgt Ion:330 Resp: 1043
 Ion Ratio Lower Upper
 330 100
 332 99.2 75.8 113.6
 141 41.9 31.8 47.8



#15
 2-Fluorobiphenyl
 Concen: 0.303 ng
 RT: 13.008 min Scan# 1319
 Delta R.T. 0.000 min
 Lab File: BN038316.D
 Acq: 11 Dec 2025 14:14

Tgt Ion:172 Resp: 10746
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 42.8
 170 24.1 19.3 28.9

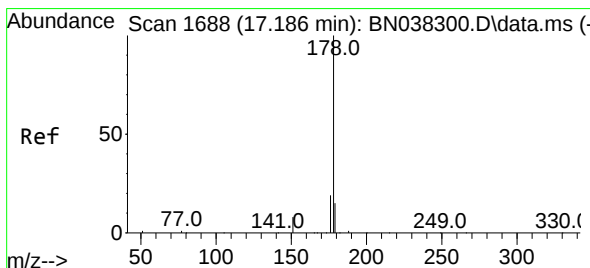
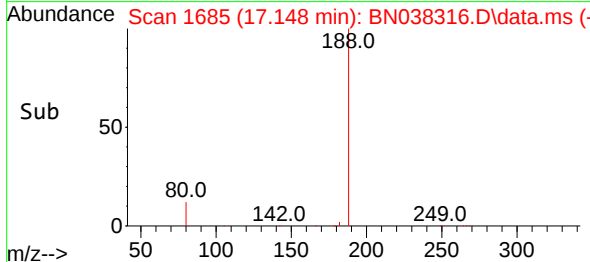
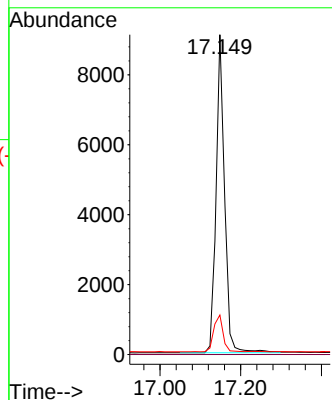
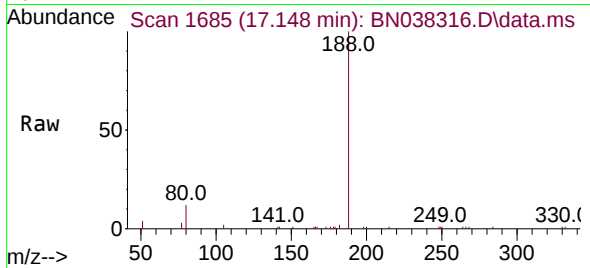




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.148 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BN038316.D
Acq: 11 Dec 2025 14:14

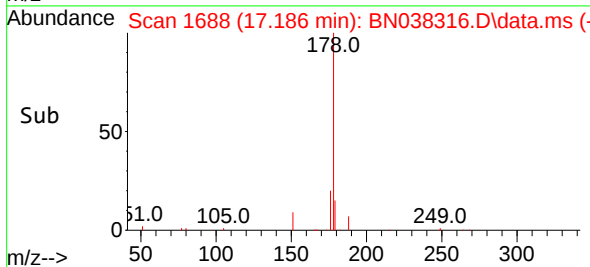
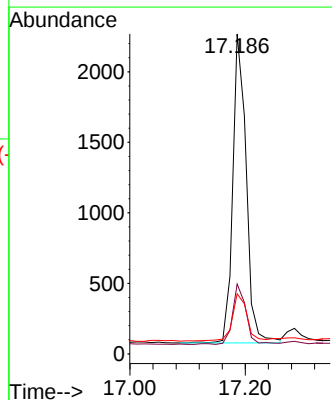
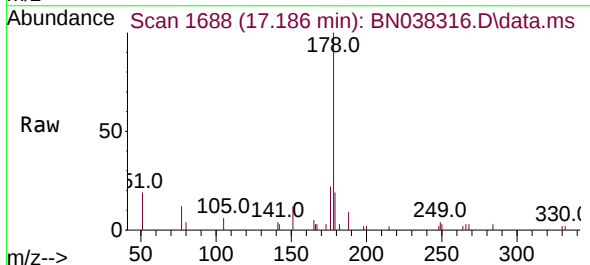
Instrument :
BNA_N
ClientSampleId :
OW-05B-72-120325

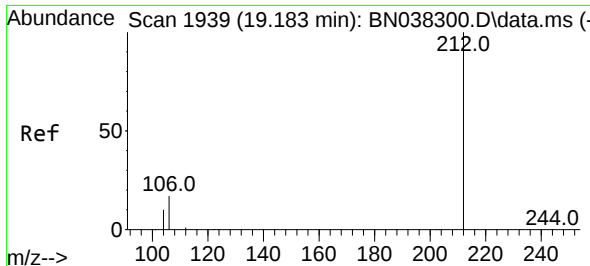
Tgt Ion:188 Resp: 13319
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.4 7.4 11.0#



#25
Phenanthrene
Concen: 0.076 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038316.D
Acq: 11 Dec 2025 14:14

Tgt Ion:178 Resp: 3533
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 16.9 12.2 18.2

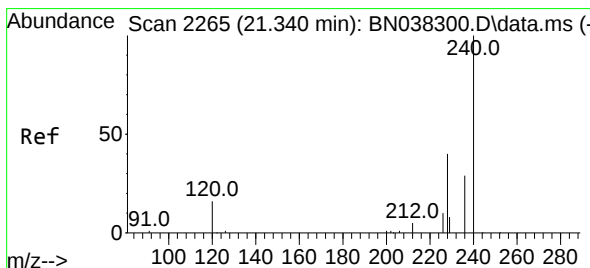
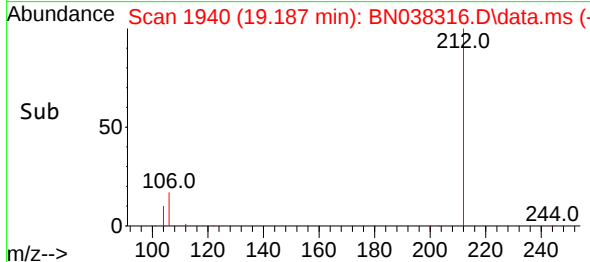
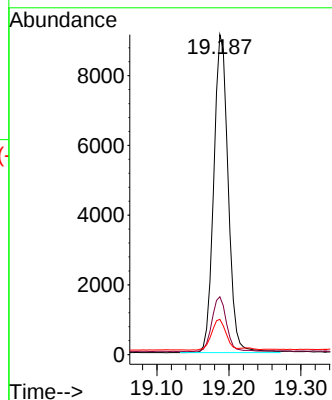
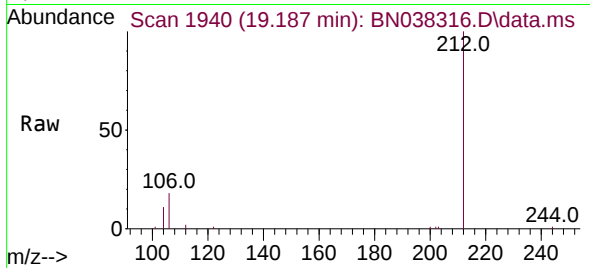




#27
Fluoranthene-d10
Concen: 0.387 ng
RT: 19.187 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BN038316.D
Acq: 11 Dec 2025 14:14

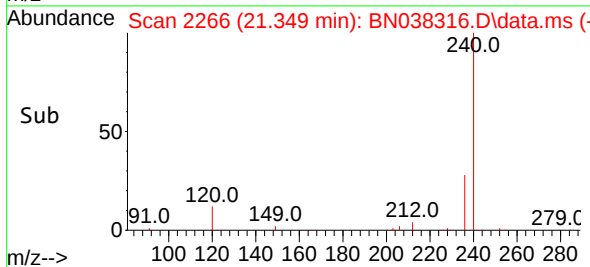
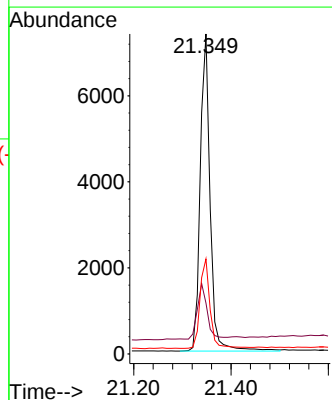
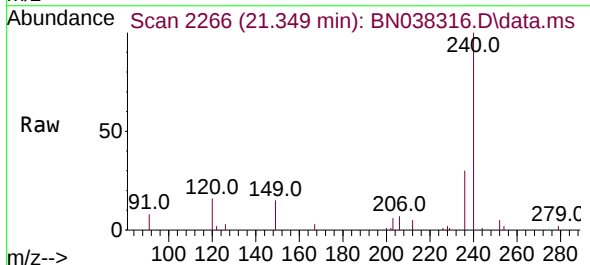
Instrument :
BNA_N
ClientSampleId :
OW-05B-72-120325

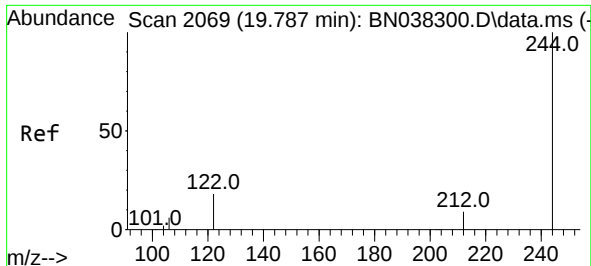
Tgt Ion:212 Resp: 12740
Ion Ratio Lower Upper
212 100
106 17.4 13.7 20.5
104 9.6 7.8 11.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.349 min Scan# 2266
Delta R.T. 0.009 min
Lab File: BN038316.D
Acq: 11 Dec 2025 14:14

Tgt Ion:240 Resp: 10405
Ion Ratio Lower Upper
240 100
120 15.9 15.4 23.2
236 29.7 23.9 35.9

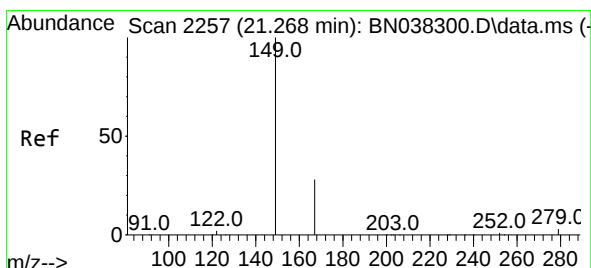
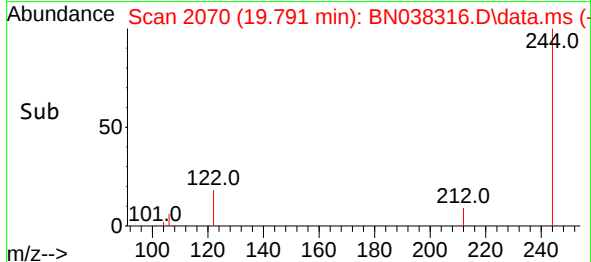
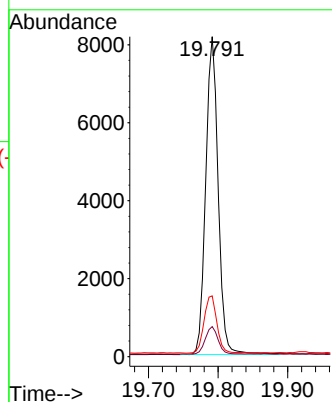
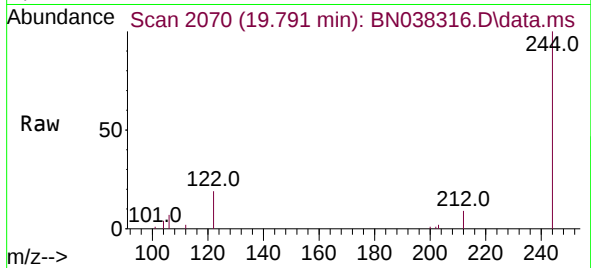




#31
 Terphenyl-d14
 Concen: 0.437 ng
 RT: 19.791 min Scan# 2069
 Delta R.T. 0.000 min
 Lab File: BN038316.D
 Acq: 11 Dec 2025 14:14

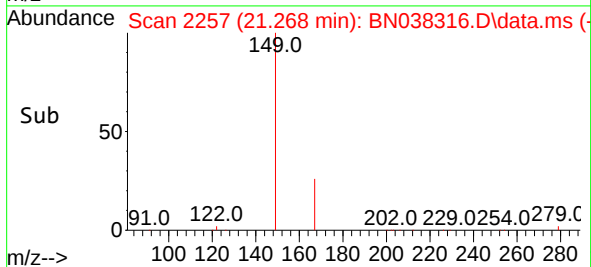
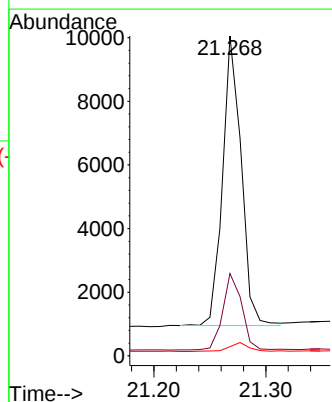
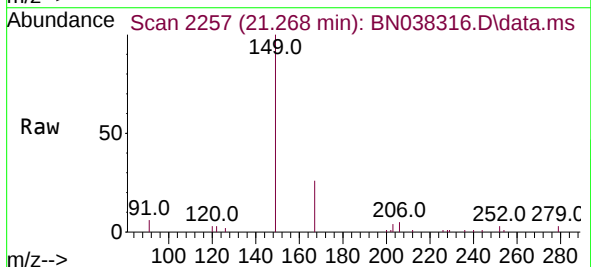
Instrument :
 BNA_N
 ClientSampleId :
 OW-05B-72-120325

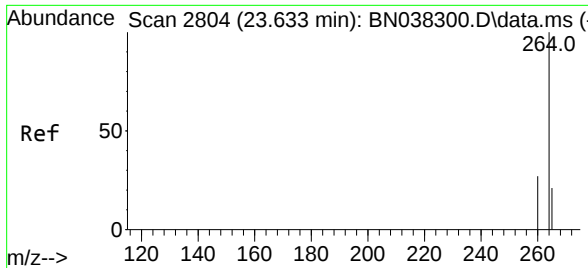
Tgt Ion:244 Resp: 10158
 Ion Ratio Lower Upper
 244 100
 212 9.4 7.9 11.9
 122 19.0 15.0 22.6



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.477 ng
 RT: 21.268 min Scan# 2257
 Delta R.T. 0.000 min
 Lab File: BN038316.D
 Acq: 11 Dec 2025 14:14

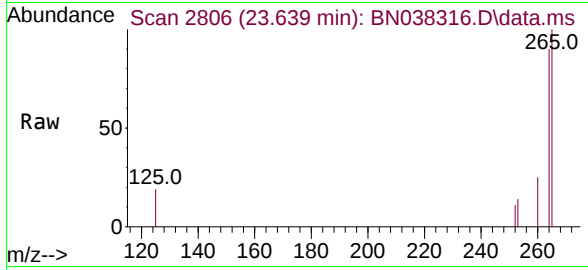
Tgt Ion:149 Resp: 10515
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.4 32.0
 279 3.4 2.4 3.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.639 min Scan# 2806
 Delta R.T. 0.006 min
 Lab File: BN038316.D
 Acq: 11 Dec 2025 14:14

Instrument :
 BNA_N
 ClientSampleId :
 OW-05B-72-120325



Tgt Ion:264 Resp: 10487

Ion	Ratio	Lower	Upper
264	100		
260	27.9	22.2	33.2
265	110.7	80.2	120.2

