

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061625\
 Data File : BN037287.D
 Acq On : 16 Jun 2025 12:15
 Operator : RC/JU
 Sample : Q2299-13DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20250610DL

Quant Time: Jun 16 12:41:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 13 18:43:34 2025
 Response via : Initial Calibration

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

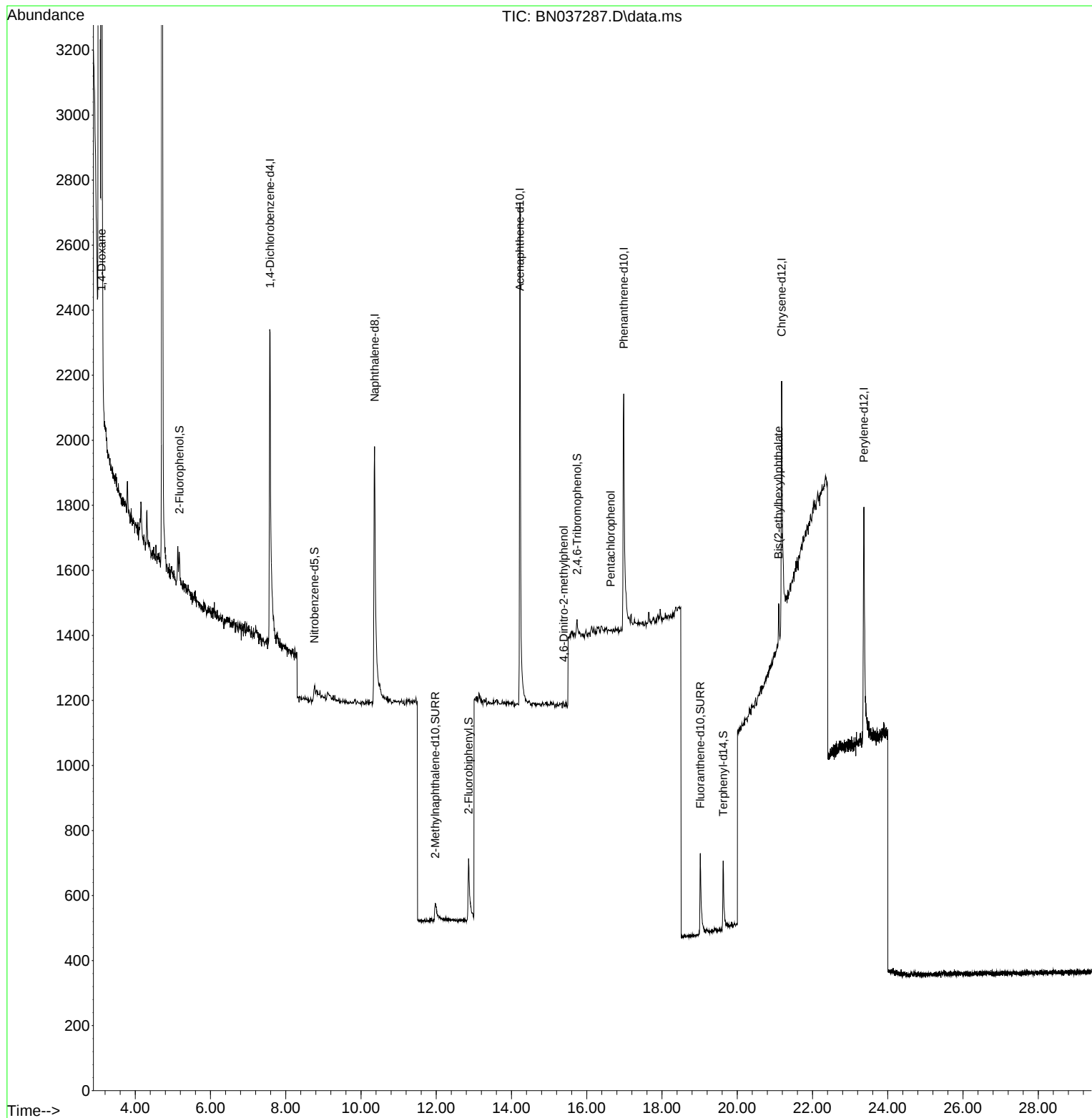
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.582	152	771	0.400	ng	0.00
7) Naphthalene-d8	10.362	136	1898	0.400	ng	# 0.00
13) Acenaphthene-d10	14.224	164	1101	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	1810	0.400	ng	0.01
29) Chrysene-d12	21.180	240	1371	0.400	ng	# 0.00
35) Perylene-d12	23.366	264	1300	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	79	0.042	ng	0.00
5) Phenol-d6	6.795	99	11	0.006	ng	0.04
8) Nitrobenzene-d5	8.760	82	102	0.054	ng	0.03
11) 2-Methylnaphthalene-d10	11.976	152	192	0.075	ng	0.02
14) 2,4,6-Tribromophenol	15.743	330	33	0.072	ng	0.01
15) 2-Fluorobiphenyl	12.858	172	357	0.077	ng	0.01
27) Fluoranthene-d10	19.017	212	463	0.098	ng	0.00
31) Terphenyl-d14	19.625	244	376	0.121	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.104	88	2793	2.640	ng	95
20) 4,6-Dinitro-2-methylph...	15.389	198	2	0.121	ng	# 40
24) Pentachlorophenol	16.636	266	14	0.021	ng	# 36
34) Bis(2-ethylhexyl)phtha...	21.099	149	141	0.041	ng	# 96

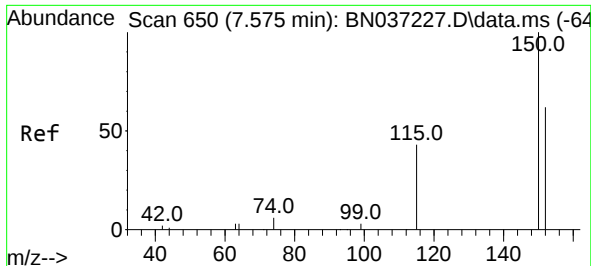
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061625\
Data File : BN037287.D
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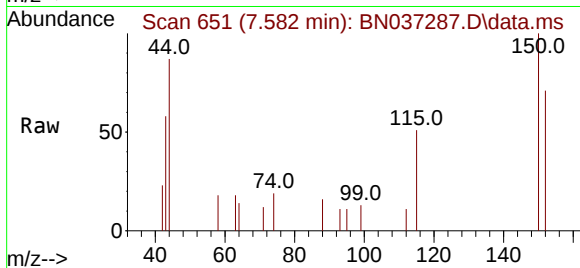
Quant Time: Jun 16 12:41:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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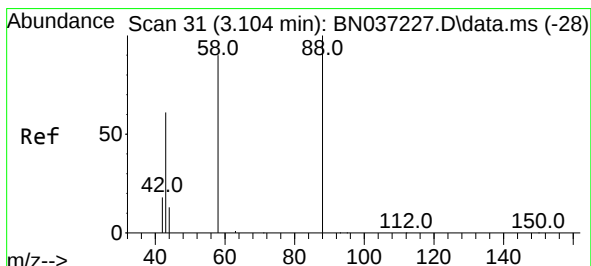
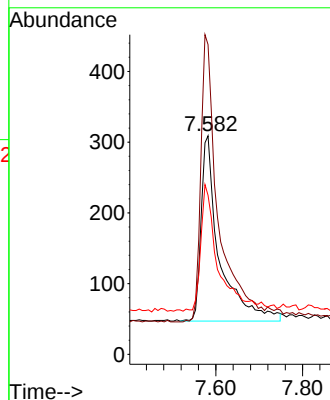
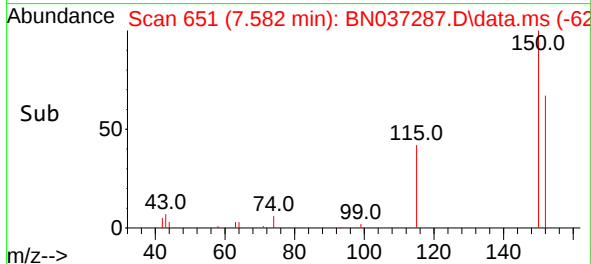


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.582 min Scan# 61
Delta R.T. 0.007 min
Lab File: BN037287.D
Acq: 16 Jun 2025 12:15

Instrument :
BNA_N
ClientSampleId :
RE131D2-20250610DL

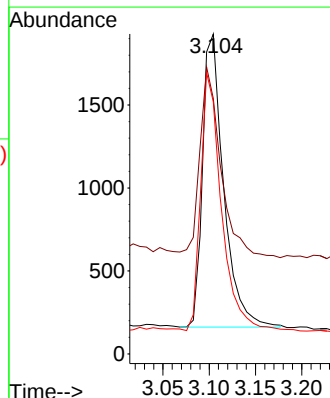
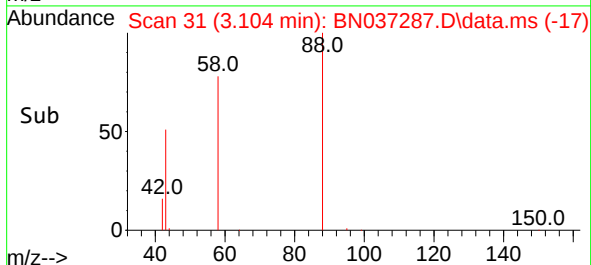
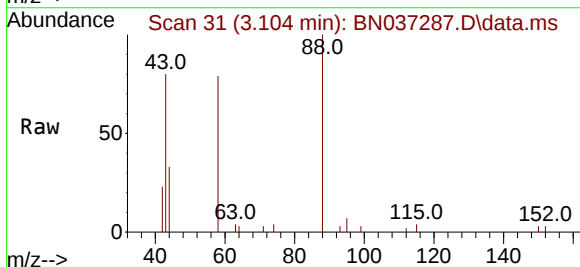


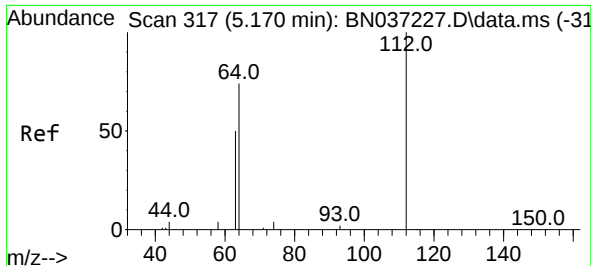
Tgt Ion:152 Resp: 771
Ion Ratio Lower Upper
152 100
150 141.7 125.2 187.8
115 72.8 58.4 87.6



#2
1,4-Dioxane
Concen: 2.640 ng
RT: 3.104 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN037287.D
Acq: 16 Jun 2025 12:15

Tgt Ion: 88 Resp: 2793
Ion Ratio Lower Upper
88 100
43 65.3 52.6 79.0
58 84.9 73.5 110.3

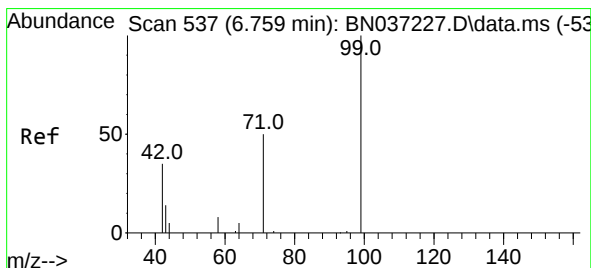
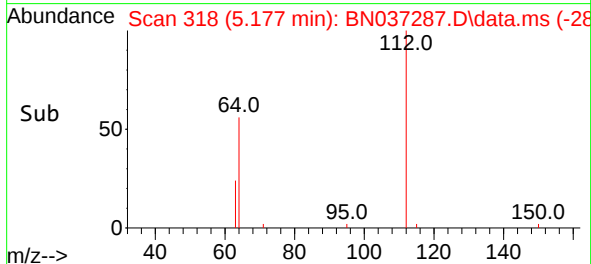
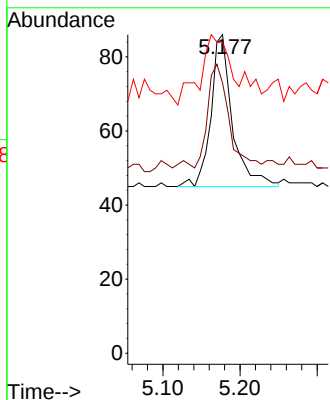
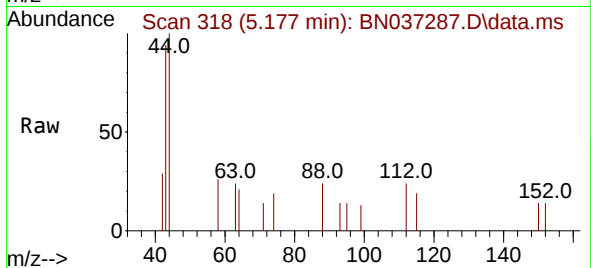




#4
2-Fluorophenol
Concen: 0.042 ng
RT: 5.177 min Scan# 317
Delta R.T. 0.007 min
Lab File: BN037287.D
Acq: 16 Jun 2025 12:15

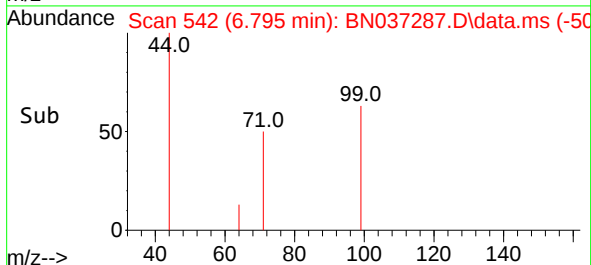
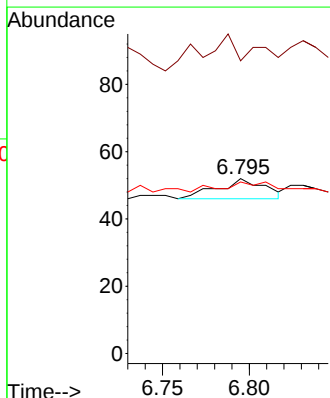
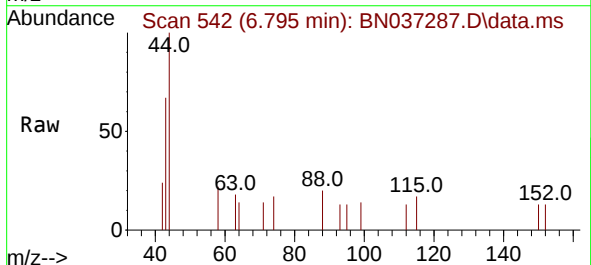
Instrument :
BNA_N
ClientSampleId :
RE131D2-20250610DL

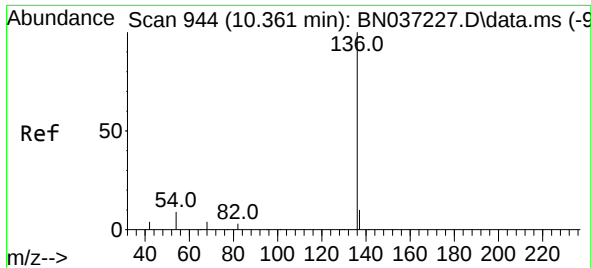
Tgt Ion:112 Resp: 79
Ion Ratio Lower Upper
112 100
64 65.8 57.2 85.8
63 62.0 39.8 59.6#



#5
Phenol-d6
Concen: 0.006 ng
RT: 6.795 min Scan# 542
Delta R.T. 0.036 min
Lab File: BN037287.D
Acq: 16 Jun 2025 12:15

Tgt Ion: 99 Resp: 11
Ion Ratio Lower Upper
99 100
42 163.6 36.2 54.4#
71 118.2 42.4 63.6#

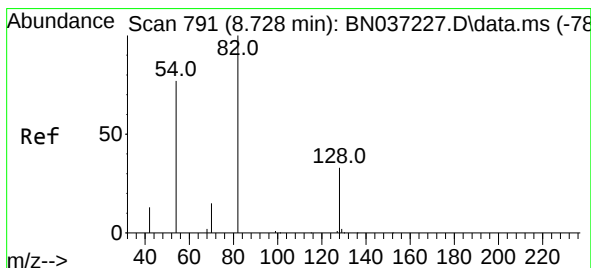
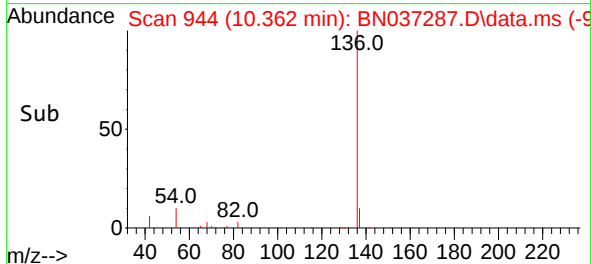
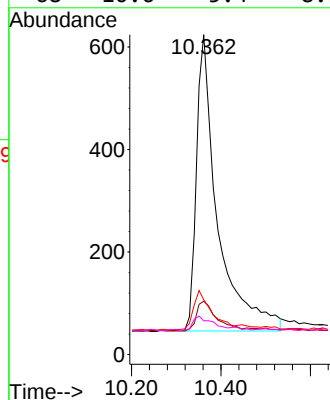
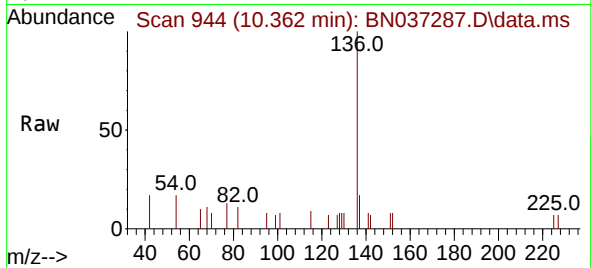




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.362 min Scan# 944
Delta R.T. 0.000 min
Lab File: BN037287.D
Acq: 16 Jun 2025 12:15

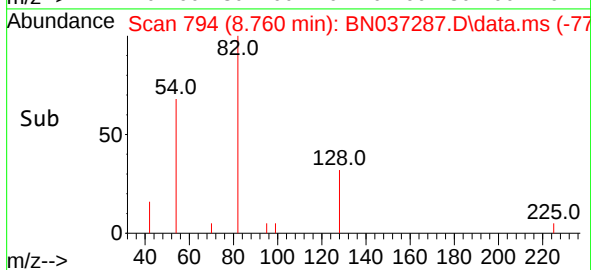
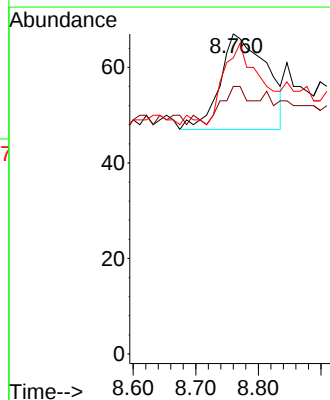
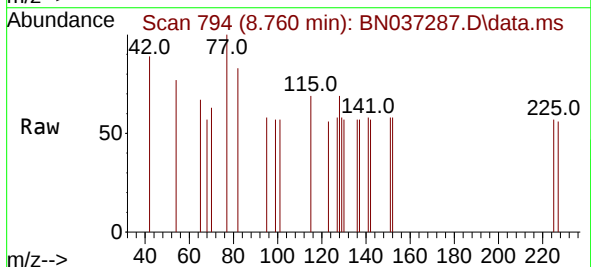
Instrument :
BNA_N
ClientSampleId :
RE131D2-20250610DL

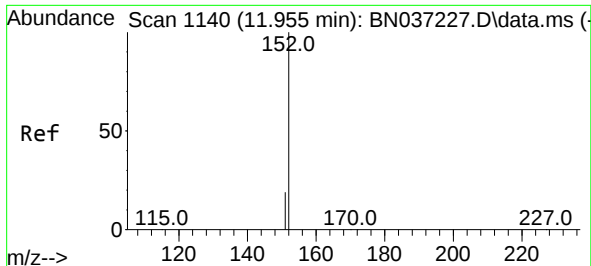
Tgt Ion:	136	Resp:	1898
Ion	Ratio	Lower	Upper
136	100		
137	16.7	10.6	15.8#
54	17.1	9.2	13.8#
68	10.6	5.4	8.0#



#8
Nitrobenzene-d5
Concen: 0.054 ng
RT: 8.760 min Scan# 794
Delta R.T. 0.032 min
Lab File: BN037287.D
Acq: 16 Jun 2025 12:15

Tgt Ion:	82	Resp:	102
Ion	Ratio	Lower	Upper
82	100		
128	83.6	31.2	46.8#
54	92.5	63.3	94.9

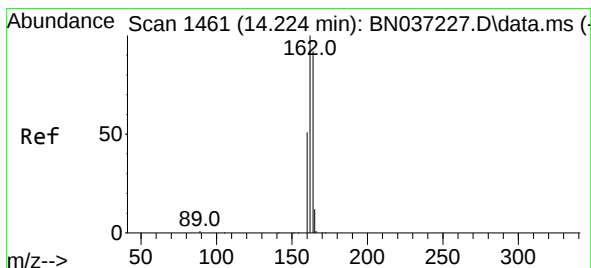
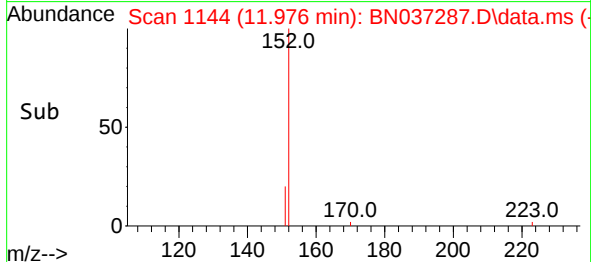
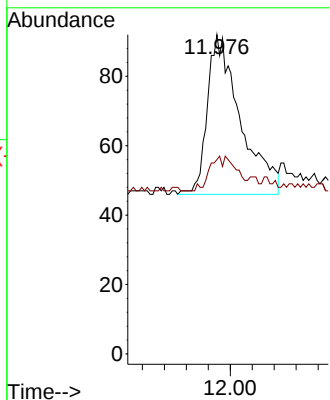
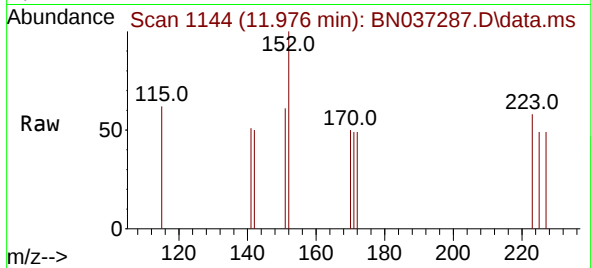




#11
2-Methylnaphthalene-d10
Concen: 0.075 ng
RT: 11.976 min Scan# 1144
Delta R.T. 0.020 min
Lab File: BN037287.D
Acq: 16 Jun 2025 12:15

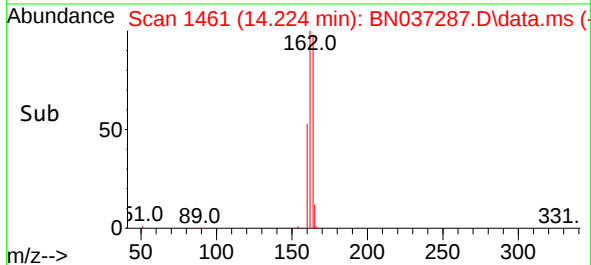
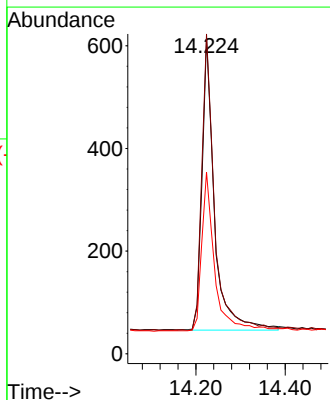
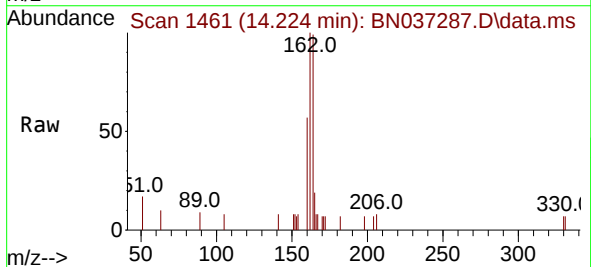
Instrument :
BNA_N
ClientSampleId :
RE131D2-20250610DL

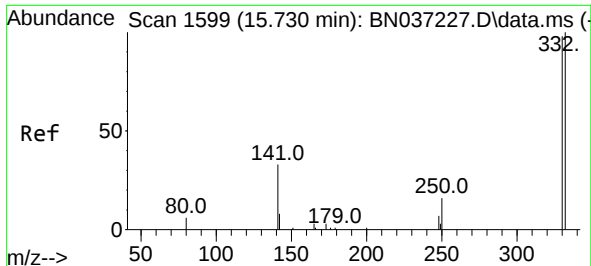
Tgt Ion:152 Resp: 192
Ion Ratio Lower Upper
152 100
151 8.9 17.9 26.9#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.224 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BN037287.D
Acq: 16 Jun 2025 12:15

Tgt Ion:164 Resp: 1101
Ion Ratio Lower Upper
164 100
162 101.3 86.7 130.1
160 57.6 45.8 68.6

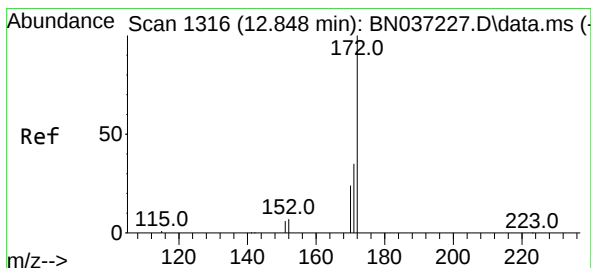
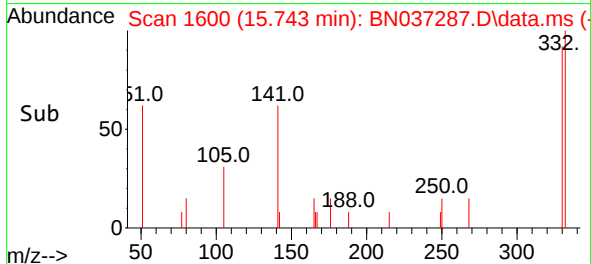
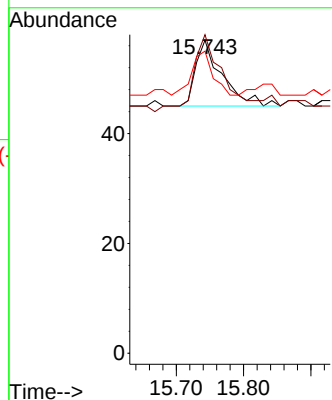
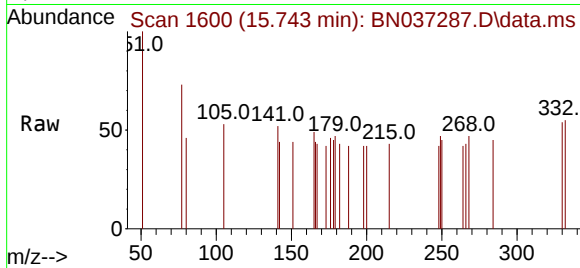




#14
2,4,6-Tribromophenol
Concen: 0.072 ng
RT: 15.743 min Scan# 1
Delta R.T. 0.013 min
Lab File: BN037287.D
Acq: 16 Jun 2025 12:15

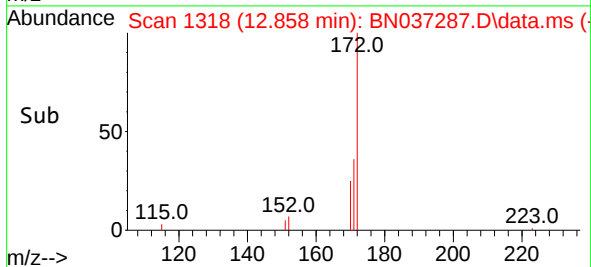
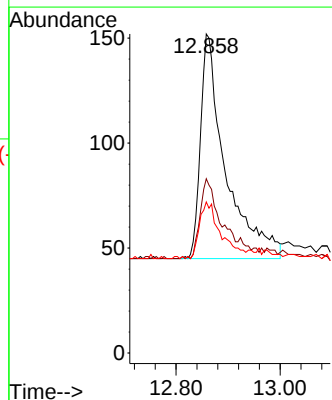
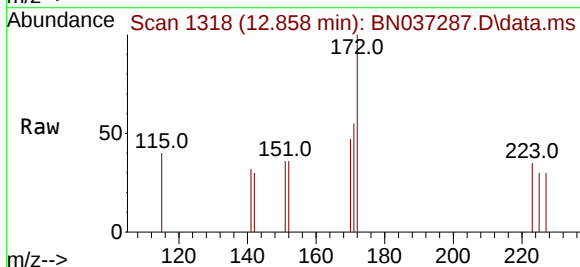
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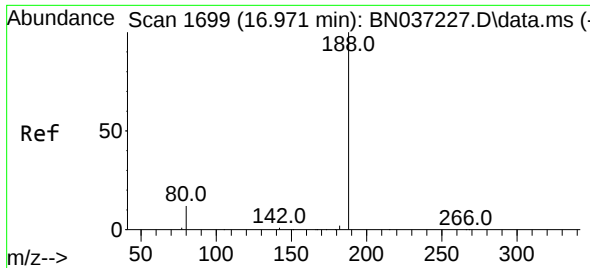
Tgt Ion:330 Resp: 33
Ion Ratio Lower Upper
330 100
332 127.3 74.9 112.3#
141 51.5 45.1 67.7



#15
2-Fluorobiphenyl
Concen: 0.077 ng
RT: 12.858 min Scan# 1318
Delta R.T. 0.010 min
Lab File: BN037287.D
Acq: 16 Jun 2025 12:15

Tgt Ion:172 Resp: 357
Ion Ratio Lower Upper
172 100
171 54.6 29.8 44.8#
170 47.4 21.1 31.7#

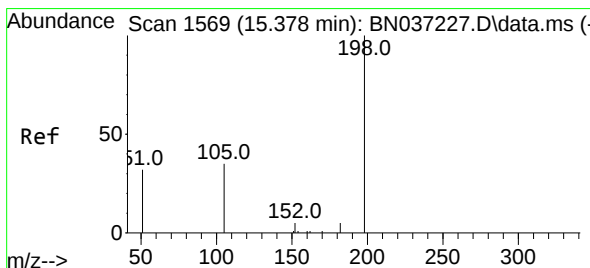
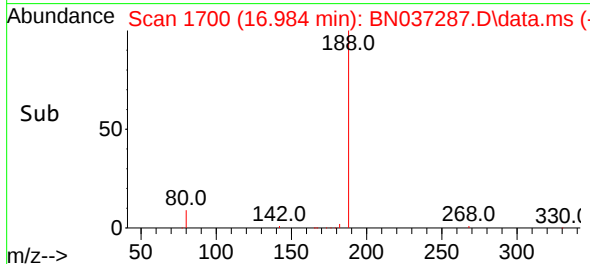
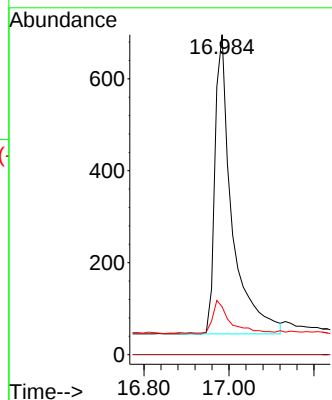
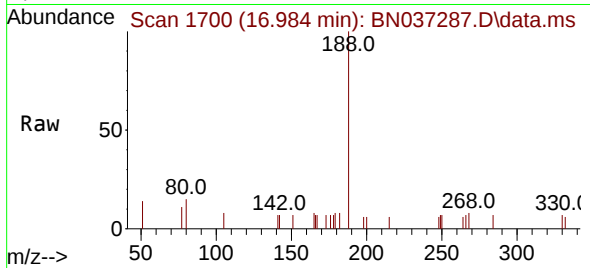




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 11
Delta R.T. 0.013 min
Lab File: BN037287.D
Acq: 16 Jun 2025 12:15

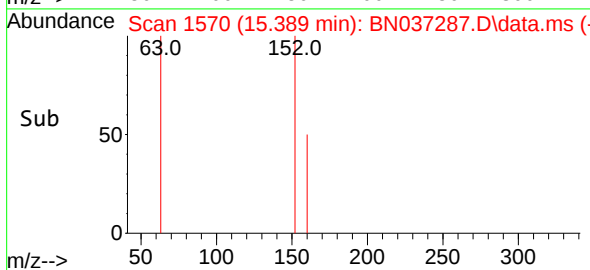
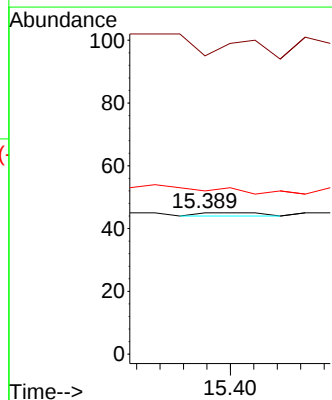
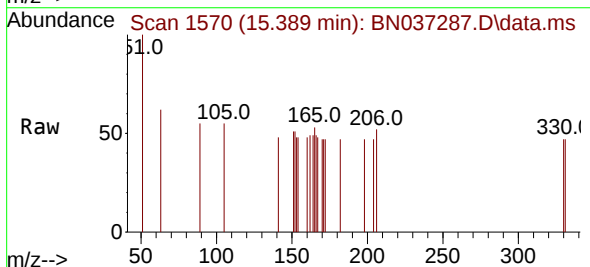
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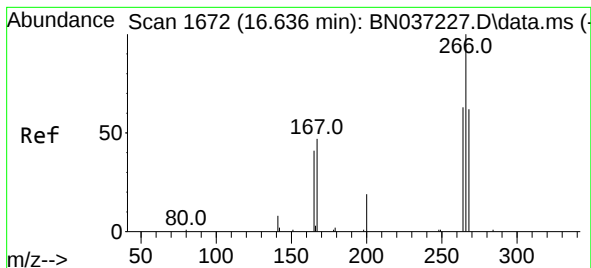
Tgt Ion:188 Resp: 1810
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.9 12.2 18.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.121 ng
RT: 15.389 min Scan# 1570
Delta R.T. 0.011 min
Lab File: BN037287.D
Acq: 16 Jun 2025 12:15

Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 211.1 111.2 166.8#
105 115.6 54.0 81.0#





#24

Pentachlorophenol

Concen: 0.021 ng

RT: 16.636 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN037287.D

Acq: 16 Jun 2025 12:15

Instrument :

BNA_N

ClientSampleId :

RE131D2-20250610DL

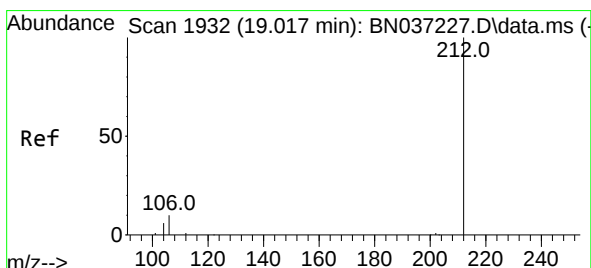
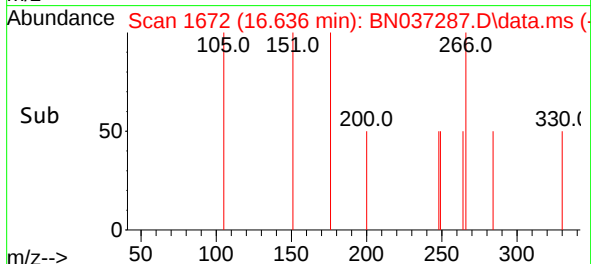
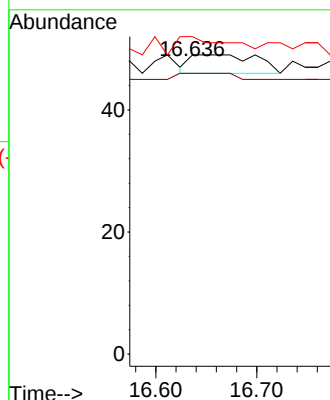
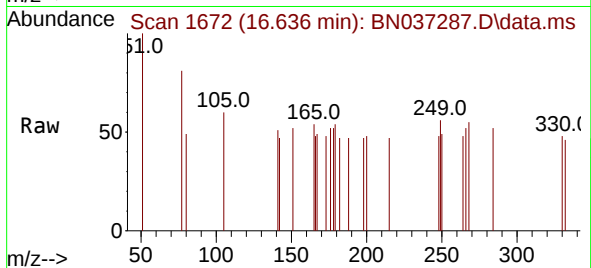
Tgt Ion:266 Resp: 14

Ion Ratio Lower Upper

266 100

264 28.6 49.2 73.8#

268 0.0 53.4 80.2#



#27

Fluoranthene-d10

Concen: 0.098 ng

RT: 19.017 min Scan# 1932

Delta R.T. 0.000 min

Lab File: BN037287.D

Acq: 16 Jun 2025 12:15

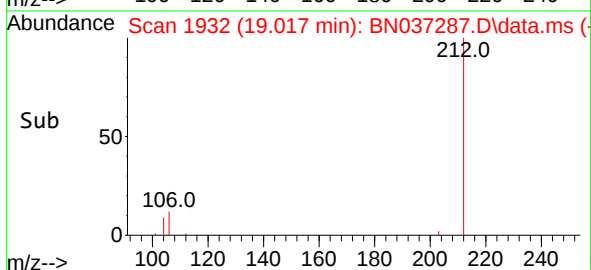
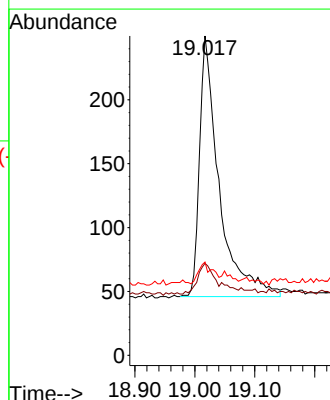
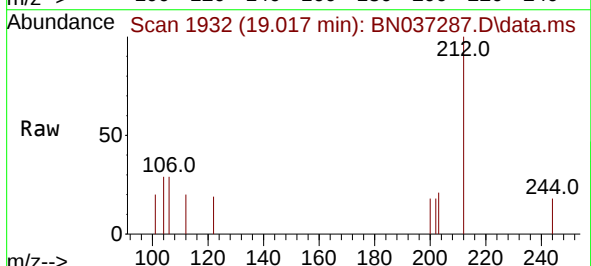
Tgt Ion:212 Resp: 463

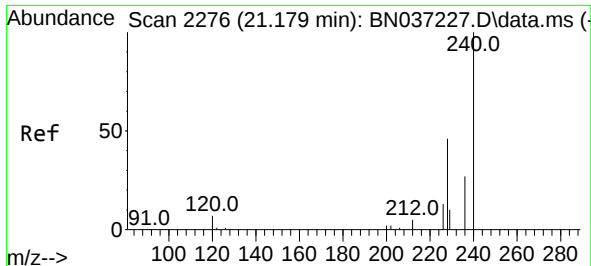
Ion Ratio Lower Upper

212 100

106 11.7 9.3 13.9

104 5.8 5.7 8.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.180 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN037287.D

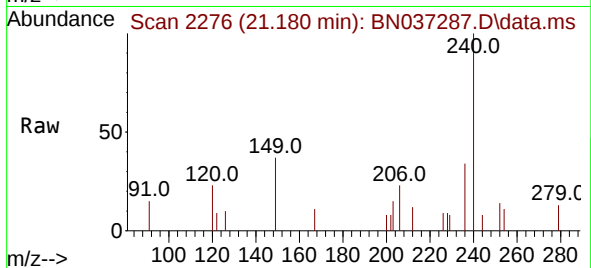
Acq: 16 Jun 2025 12:15

Instrument :

BNA_N

ClientSampleId :

RE131D2-20250610DL



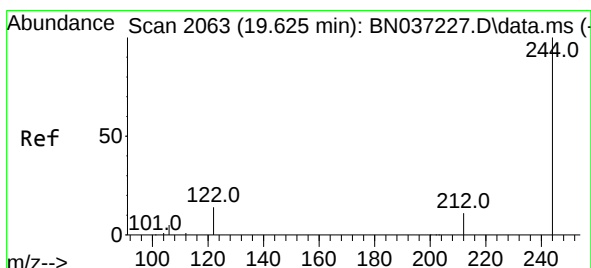
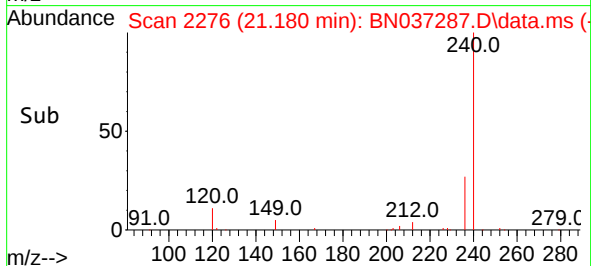
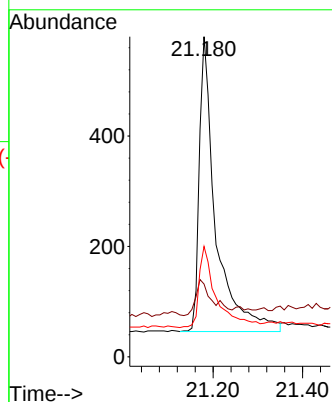
Tgt Ion:240 Resp: 1371

Ion Ratio Lower Upper

240 100

120 22.8 11.3 16.9#

236 34.5 24.4 36.6



#31

Terphenyl-d14

Concen: 0.121 ng

RT: 19.625 min Scan# 2063

Delta R.T. 0.000 min

Lab File: BN037287.D

Acq: 16 Jun 2025 12:15

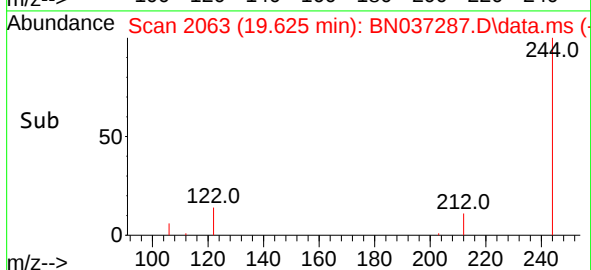
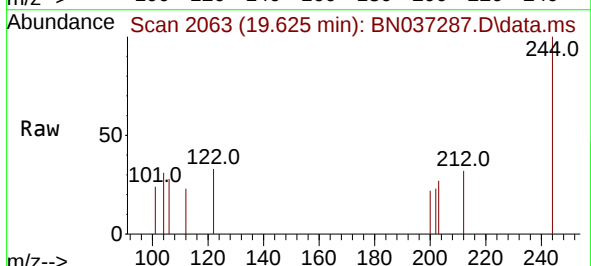
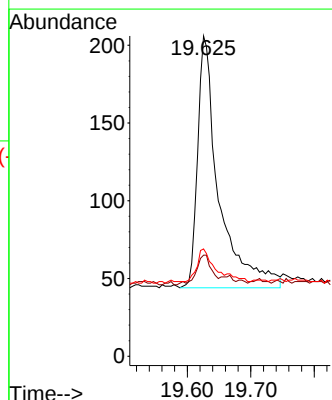
Tgt Ion:244 Resp: 376

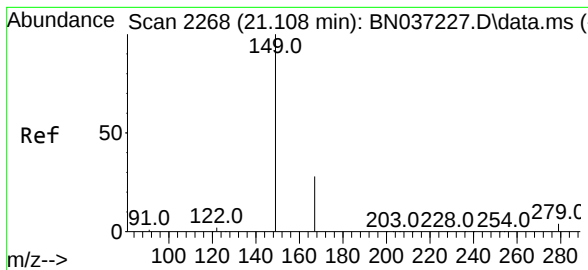
Ion Ratio Lower Upper

244 100

212 31.6 12.2 18.2#

122 33.5 14.3 21.5#

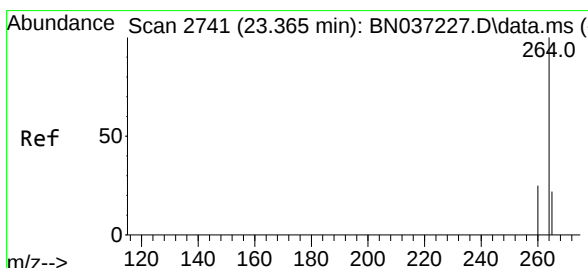
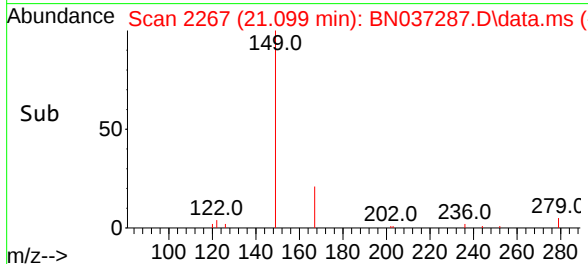
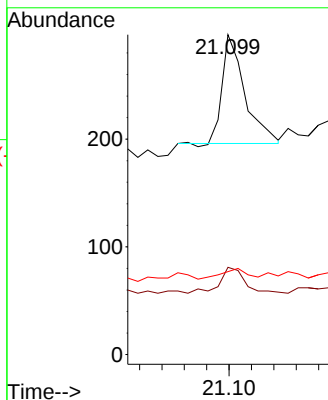
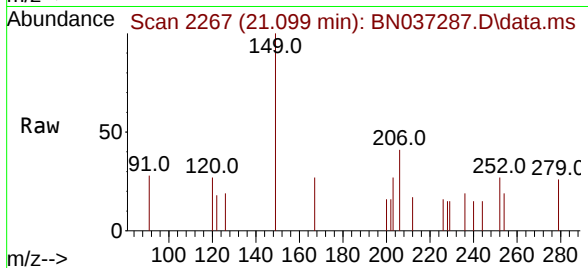




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.041 ng
 RT: 21.099 min Scan# 2109
 Delta R.T. -0.009 min
 Lab File: BN037287.D
 Acq: 16 Jun 2025 12:15

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20250610DL

Tgt Ion:	149	Resp:	141
Ion Ratio	Lower	Upper	
149	100		
167	26.2	21.3	31.9
279	11.3	3.3	4.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.366 min Scan# 2741
 Delta R.T. 0.000 min
 Lab File: BN037287.D
 Acq: 16 Jun 2025 12:15

Tgt Ion:	264	Resp:	1300
Ion Ratio	Lower	Upper	
264	100		
260	32.7	22.8	34.2
265	116.0	66.4	99.6

