

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
 Data File : BN037898.D
 Acq On : 25 Sep 2025 20:41
 Operator : RC/JU
 Sample : Q3156-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20250918

Quant Time: Sep 25 23:50:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 11:00:01 2025
 Response via : Initial Calibration

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

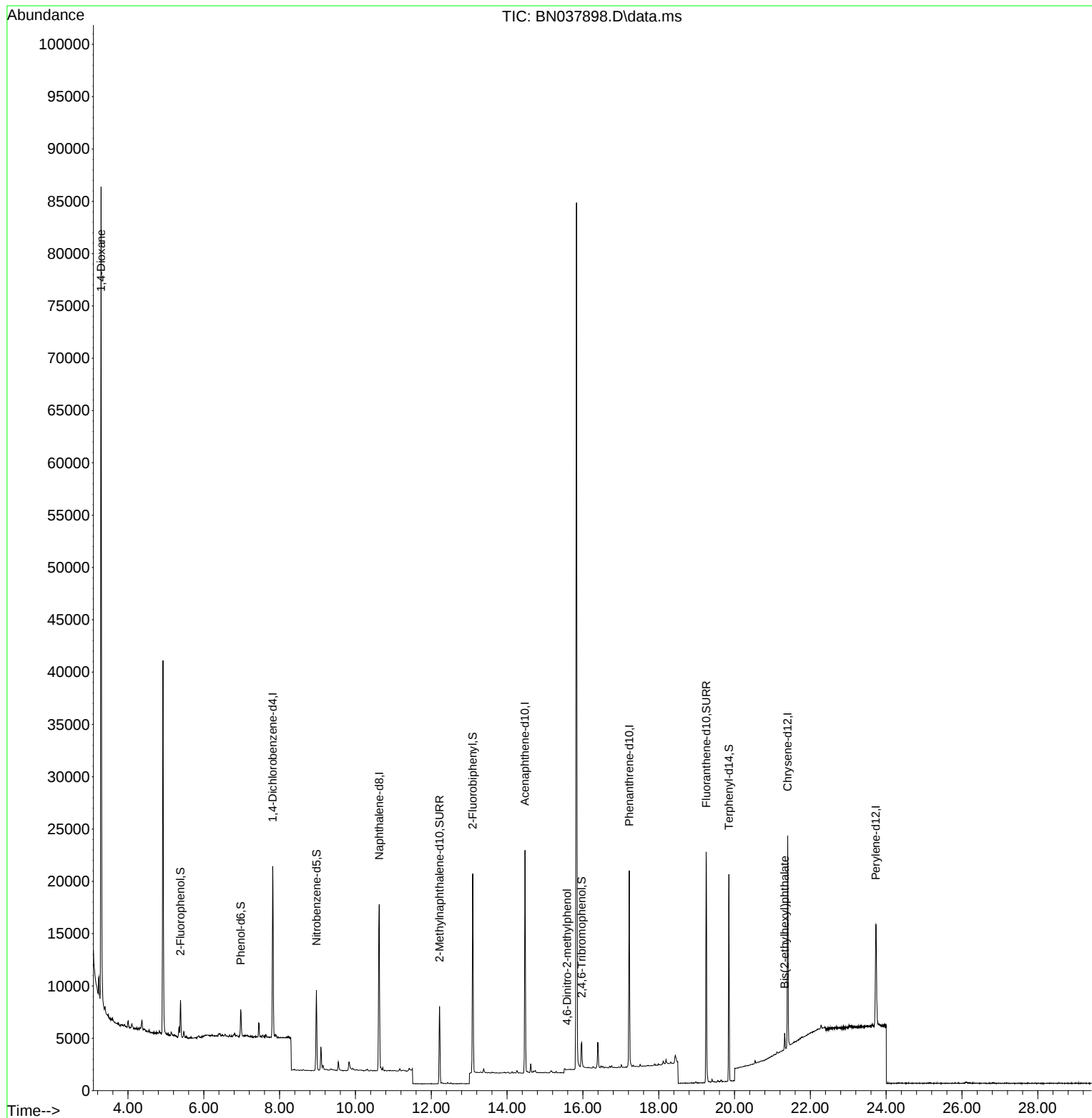
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	7601	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	21427	0.400	ng	0.00
13) Acenaphthene-d10	14.473	164	11165	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	23219	0.400	ng	0.00
29) Chrysene-d12	21.402	240	17732	0.400	ng	0.00
35) Perylene-d12	23.730	264	14515	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	2798	0.161	ng	0.00
5) Phenol-d6	6.973	99	2293	0.101	ng	0.00
8) Nitrobenzene-d5	8.971	82	5900	0.361	ng	0.00
11) 2-Methylnaphthalene-d10	12.217	152	9997	0.336	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	1536	0.363	ng	0.00
15) 2-Fluorobiphenyl	13.094	172	15765	0.345	ng	0.00
27) Fluoranthene-d10	19.252	212	23968	0.410	ng	0.00
31) Terphenyl-d14	19.852	244	17629	0.499	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.290	88	47437	6.148	ng	98
20) 4,6-Dinitro-2-methylph...	15.584	198	9	0.071	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.321	149	1516	0.062	ng	# 92

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

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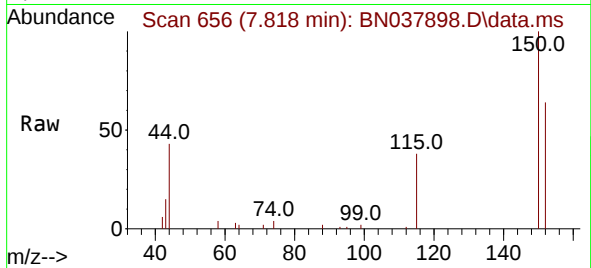
Quant Time: Sep 25 23:50:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
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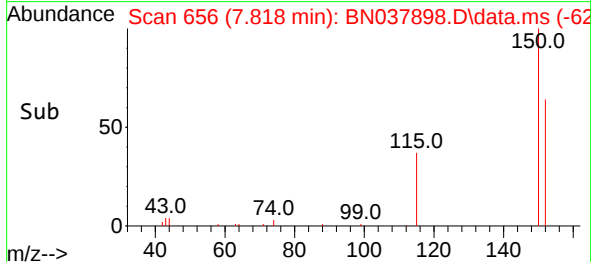
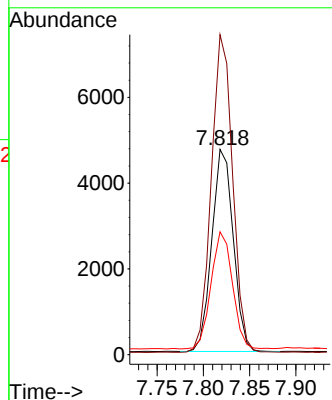


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.818 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN037898.D
Acq: 25 Sep 2025 20:41

Instrument :
BNA_N
ClientSampleId :
RE132D2-20250918

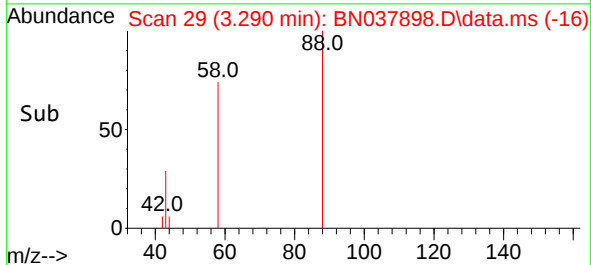
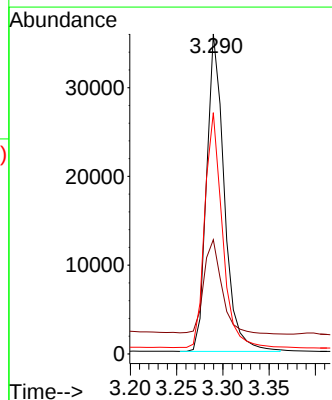
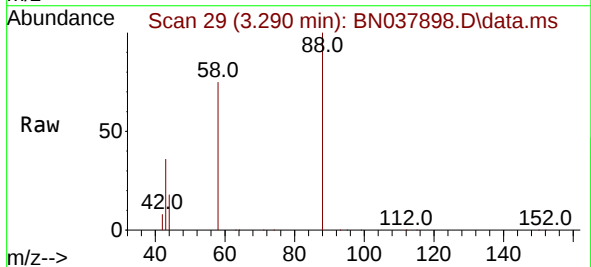


Tgt Ion:152 Resp: 7601
Ion Ratio Lower Upper
152 100
150 155.9 121.0 181.4
115 59.9 47.4 71.0



#2
1,4-Dioxane
Concen: 6.148 ng
RT: 3.290 min Scan# 29
Delta R.T. -0.008 min
Lab File: BN037898.D
Acq: 25 Sep 2025 20:41

Tgt Ion: 88 Resp: 47437
Ion Ratio Lower Upper
88 100
43 30.6 26.6 39.8
58 73.4 58.9 88.3

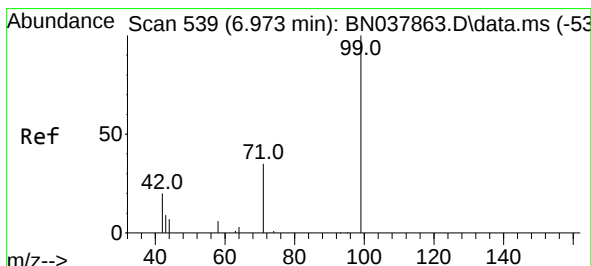
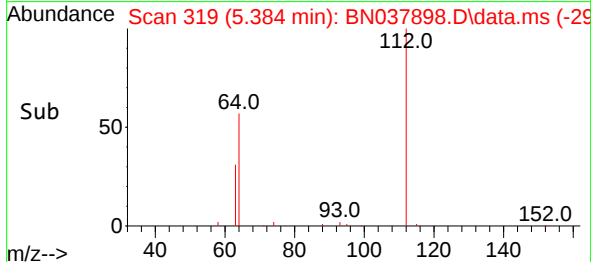
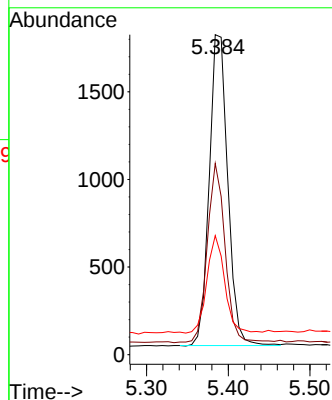
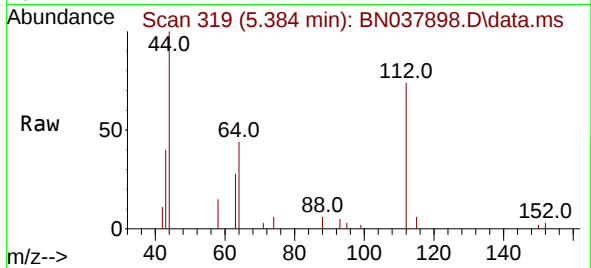




#4
2-Fluorophenol
Concen: 0.161 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN037898.D
Acq: 25 Sep 2025 20:41

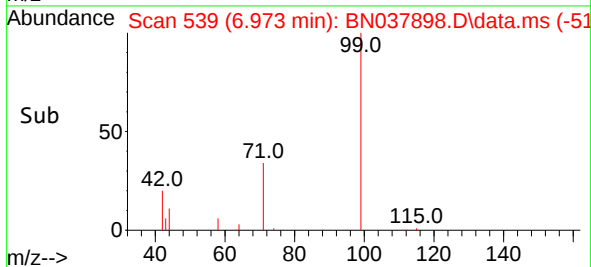
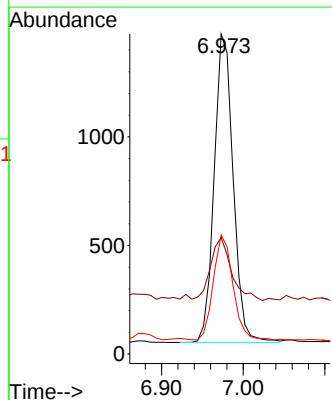
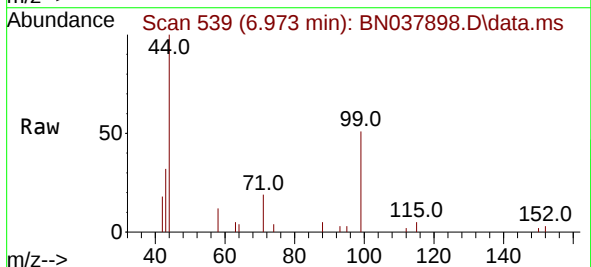
Instrument :
BNA_N
ClientSampleId :
RE132D2-20250918

Tgt Ion:112 Resp: 2798
Ion Ratio Lower Upper
112 100
64 55.8 44.6 66.8
63 30.2 24.9 37.3



#5
Phenol-d6
Concen: 0.101 ng
RT: 6.973 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037898.D
Acq: 25 Sep 2025 20:41

Tgt Ion: 99 Resp: 2293
Ion Ratio Lower Upper
99 100
42 23.2 17.2 25.8
71 35.1 27.3 40.9

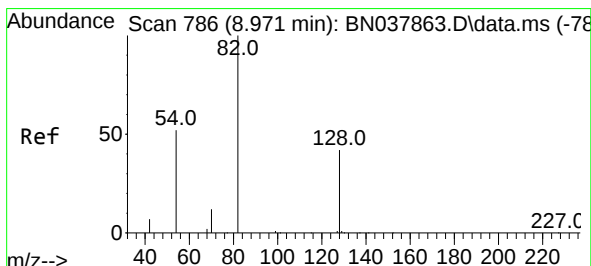
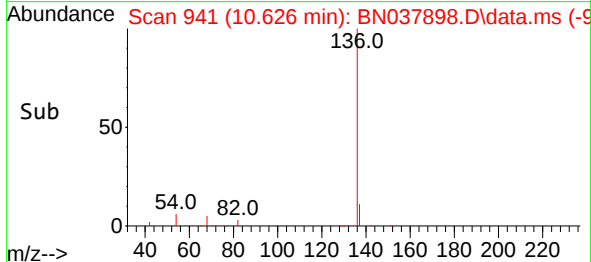
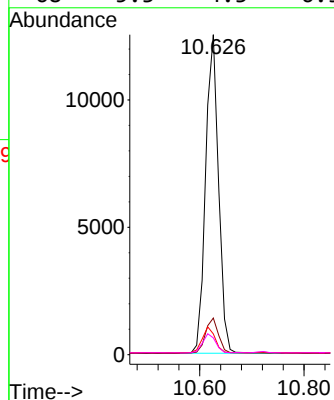
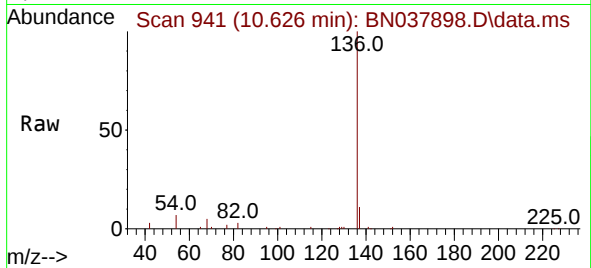




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN037898.D
Acq: 25 Sep 2025 20:41

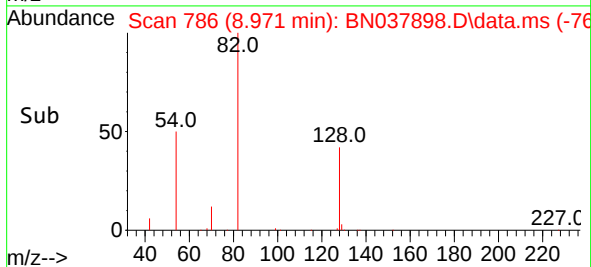
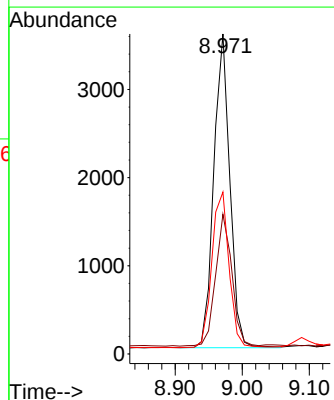
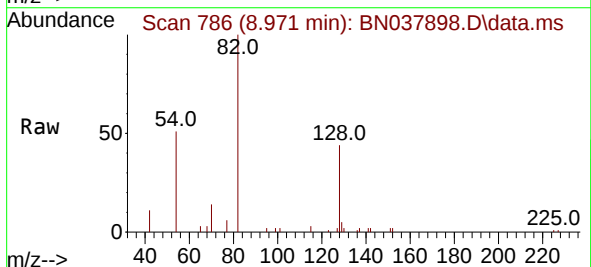
Instrument :
BNA_N
ClientSampleId :
RE132D2-20250918

Tgt Ion:	136	Resp:	21427
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.4
54	6.5	5.8	8.8
68	5.3	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.361 ng
RT: 8.971 min Scan# 786
Delta R.T. -0.000 min
Lab File: BN037898.D
Acq: 25 Sep 2025 20:41

Tgt Ion:	82	Resp:	5900
Ion Ratio	Lower	Upper	
82	100		
128	43.6	34.8	52.2
54	50.6	42.2	63.2

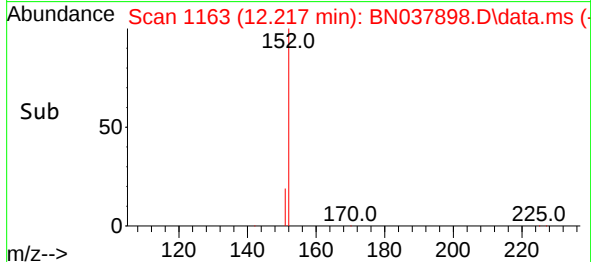
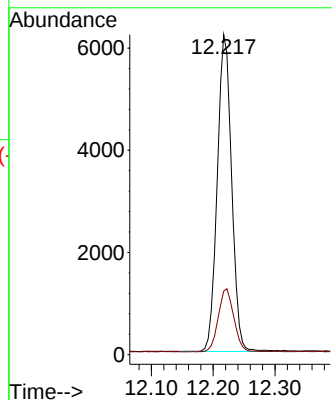
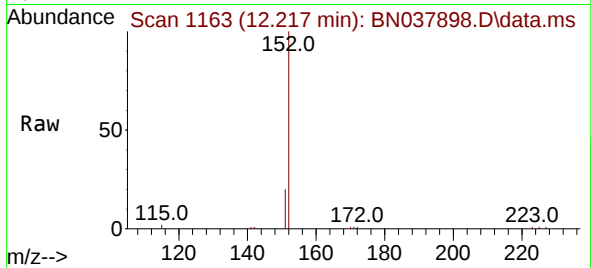




#11
2-Methylnaphthalene-d10
Concen: 0.336 ng
RT: 12.217 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BN037898.D
Acq: 25 Sep 2025 20:41

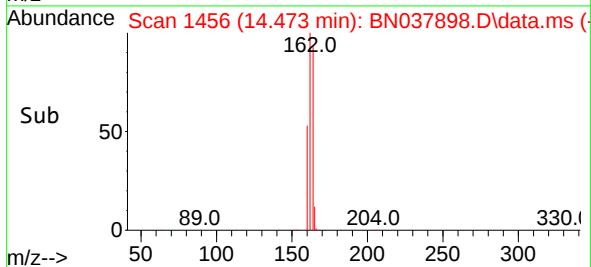
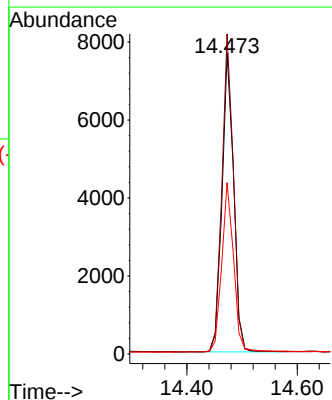
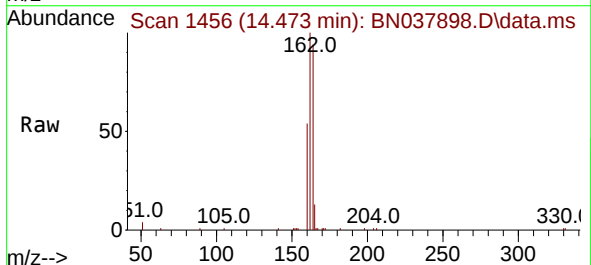
Instrument :
BNA_N
ClientSampleId :
RE132D2-20250918

Tgt Ion:152 Resp: 9997
Ion Ratio Lower Upper
152 100
151 21.6 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BN037898.D
Acq: 25 Sep 2025 20:41

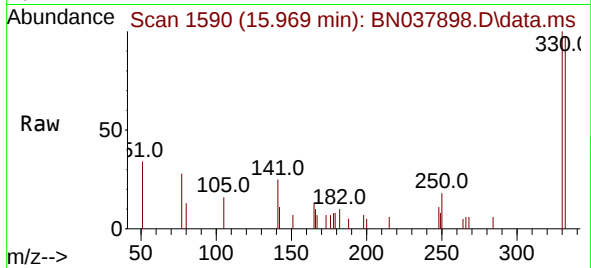
Tgt Ion:164 Resp: 11165
Ion Ratio Lower Upper
164 100
162 106.3 84.8 127.2
160 57.0 46.1 69.1



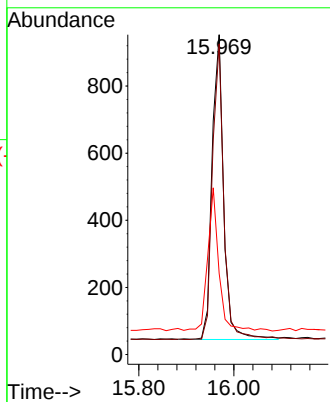
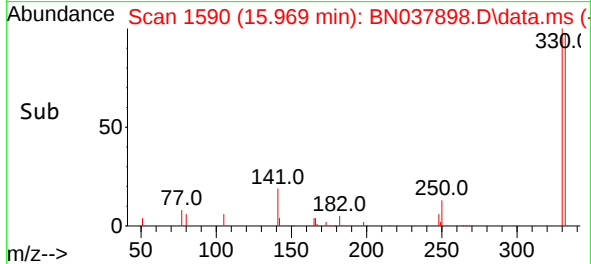


#14
2,4,6-Tribromophenol
Concen: 0.363 ng
RT: 15.969 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BN037898.D
Acq: 25 Sep 2025 20:41

Instrument :
BNA_N
ClientSampleId :
RE132D2-20250918

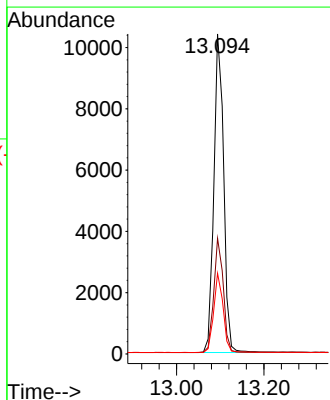
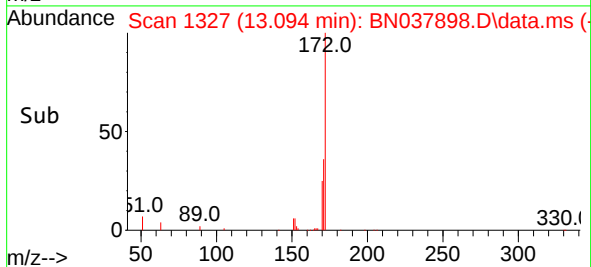
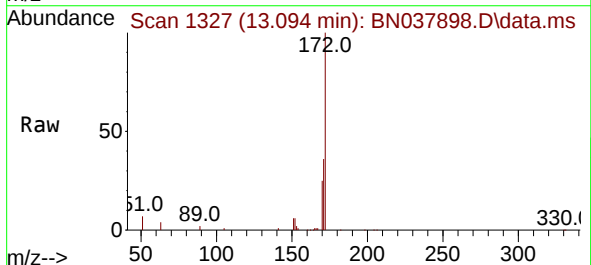


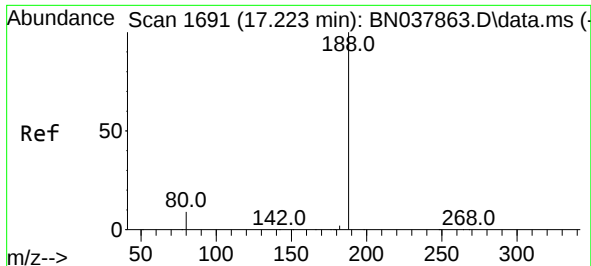
Tgt Ion:330 Resp: 1536
Ion Ratio Lower Upper
330 100
332 95.5 77.2 115.8
141 45.6 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.345 ng
RT: 13.094 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BN037898.D
Acq: 25 Sep 2025 20:41

Tgt Ion:172 Resp: 15765
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 25.2 19.7 29.5

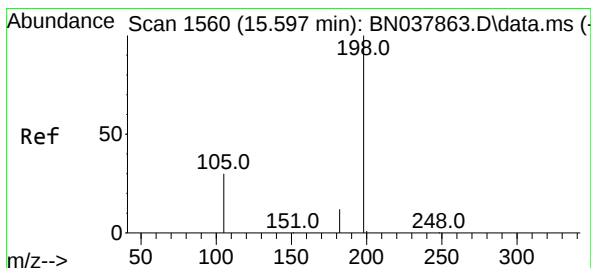
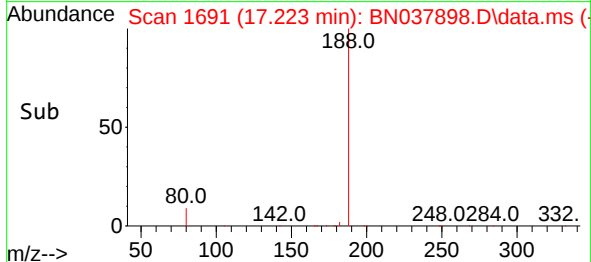
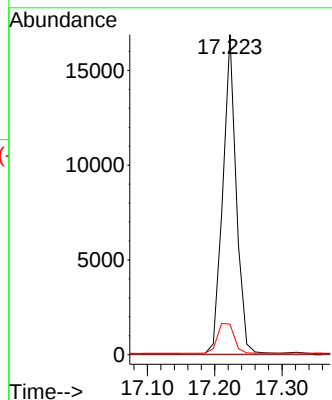
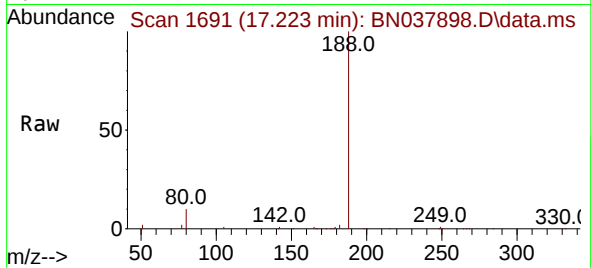




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037898.D
Acq: 25 Sep 2025 20:41

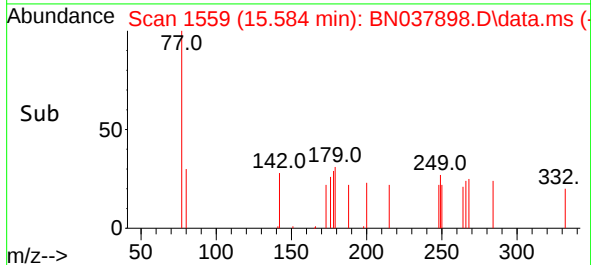
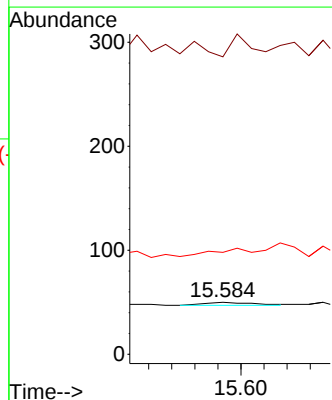
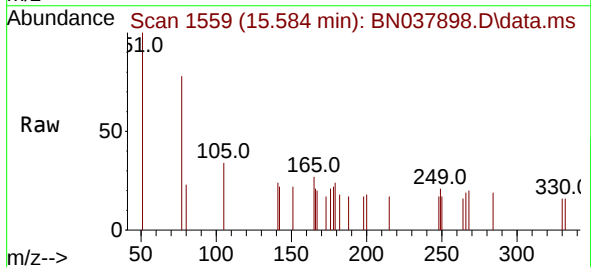
Instrument :
BNA_N
ClientSampleId :
RE132D2-20250918

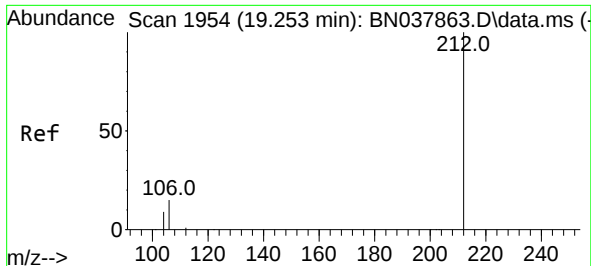
Tgt Ion:188 Resp: 23219
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.6 7.6 11.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.071 ng
RT: 15.584 min Scan# 1559
Delta R.T. -0.013 min
Lab File: BN037898.D
Acq: 25 Sep 2025 20:41

Tgt Ion:198 Resp: 9
Ion Ratio Lower Upper
198 100
51 572.0 59.1 88.7#
105 196.0 41.3 61.9#

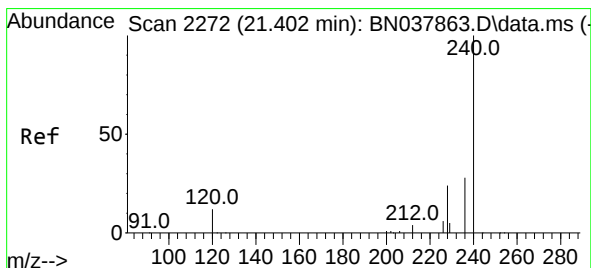
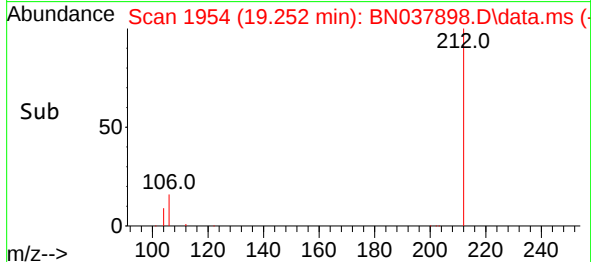
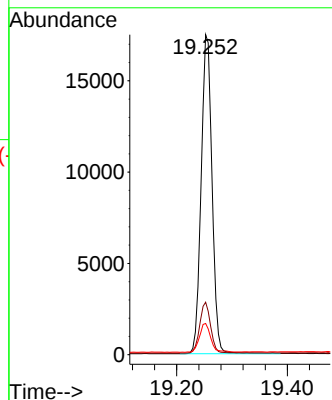
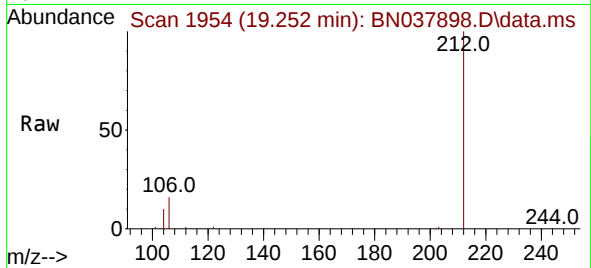




#27
Fluoranthene-d10
Concen: 0.410 ng
RT: 19.252 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BN037898.D
Acq: 25 Sep 2025 20:41

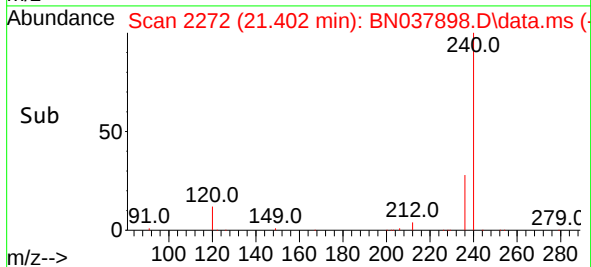
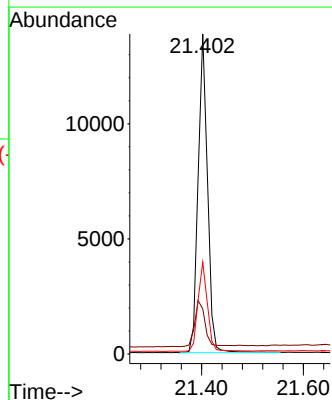
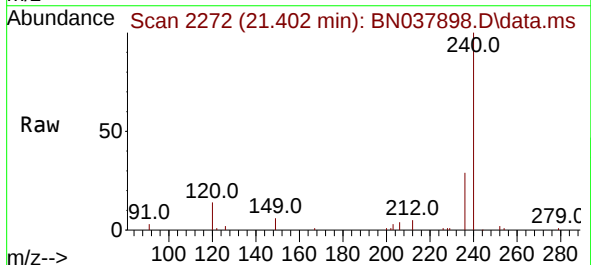
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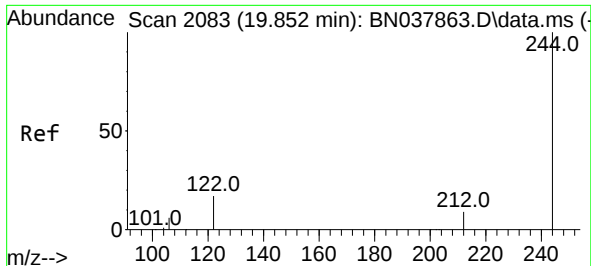
Tgt Ion:212 Resp: 23968
Ion Ratio Lower Upper
212 100
106 15.8 12.6 19.0
104 9.3 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BN037898.D
Acq: 25 Sep 2025 20:41

Tgt Ion:240 Resp: 17732
Ion Ratio Lower Upper
240 100
120 14.1 11.4 17.2
236 28.7 23.0 34.6

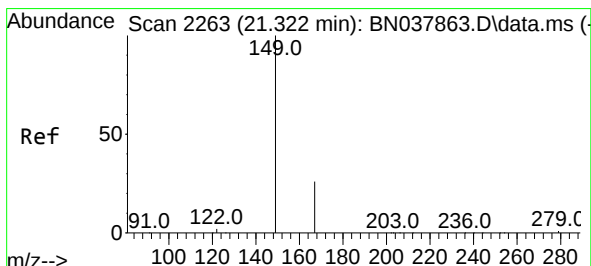
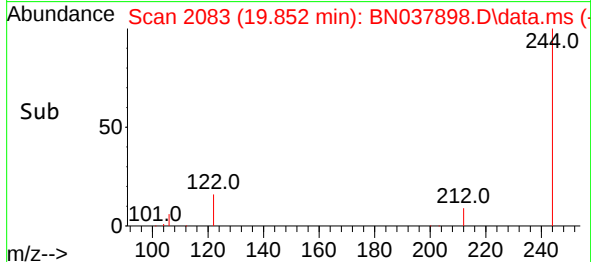
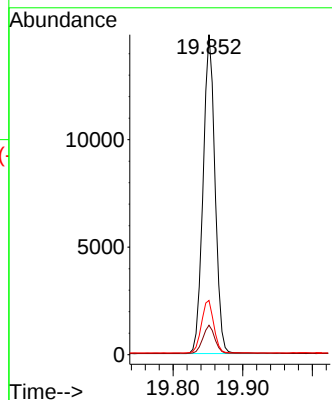
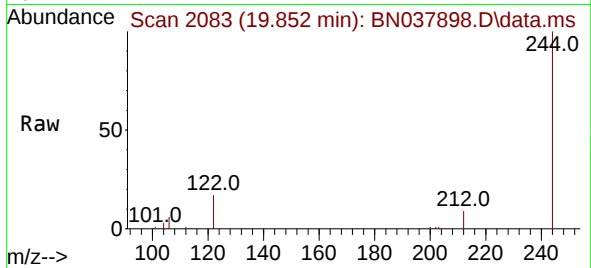




#31
Terphenyl-d14
Concen: 0.499 ng
RT: 19.852 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BN037898.D
Acq: 25 Sep 2025 20:41

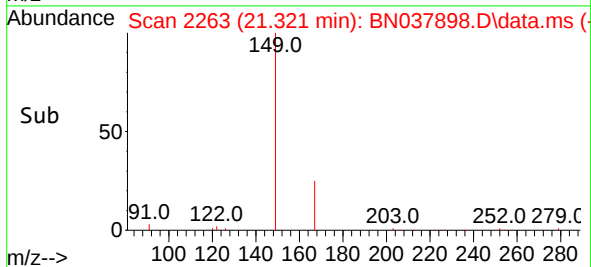
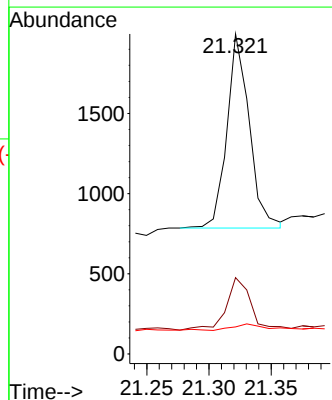
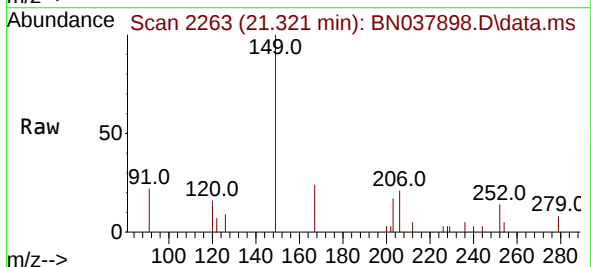
Instrument :
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RE132D2-20250918

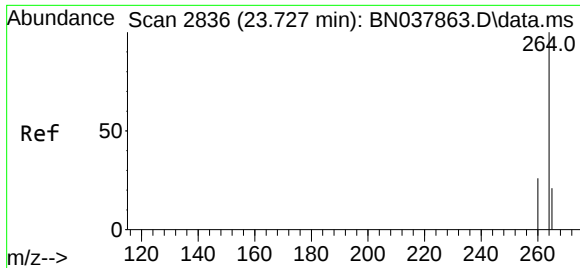
Tgt Ion:244 Resp: 17629
Ion Ratio Lower Upper
244 100
212 9.2 7.6 11.4
122 16.9 13.9 20.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.062 ng
RT: 21.321 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BN037898.D
Acq: 25 Sep 2025 20:41

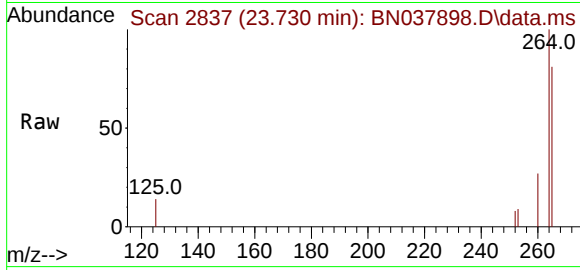
Tgt Ion:149 Resp: 1516
Ion Ratio Lower Upper
149 100
167 29.6 20.4 30.6
279 5.4 2.4 3.6#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.730 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BN037898.D
 Acq: 25 Sep 2025 20:41

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20250918



Tgt Ion:264 Resp: 14515

Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.5	32.3
265	80.8	53.8	80.6#

