

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
 Data File : BN037834.D
 Acq On : 20 Sep 2025 03:48
 Operator : RC/JU
 Sample : Q3127-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 20 04:27:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 14:20:01 2025
 Response via : Initial Calibration

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

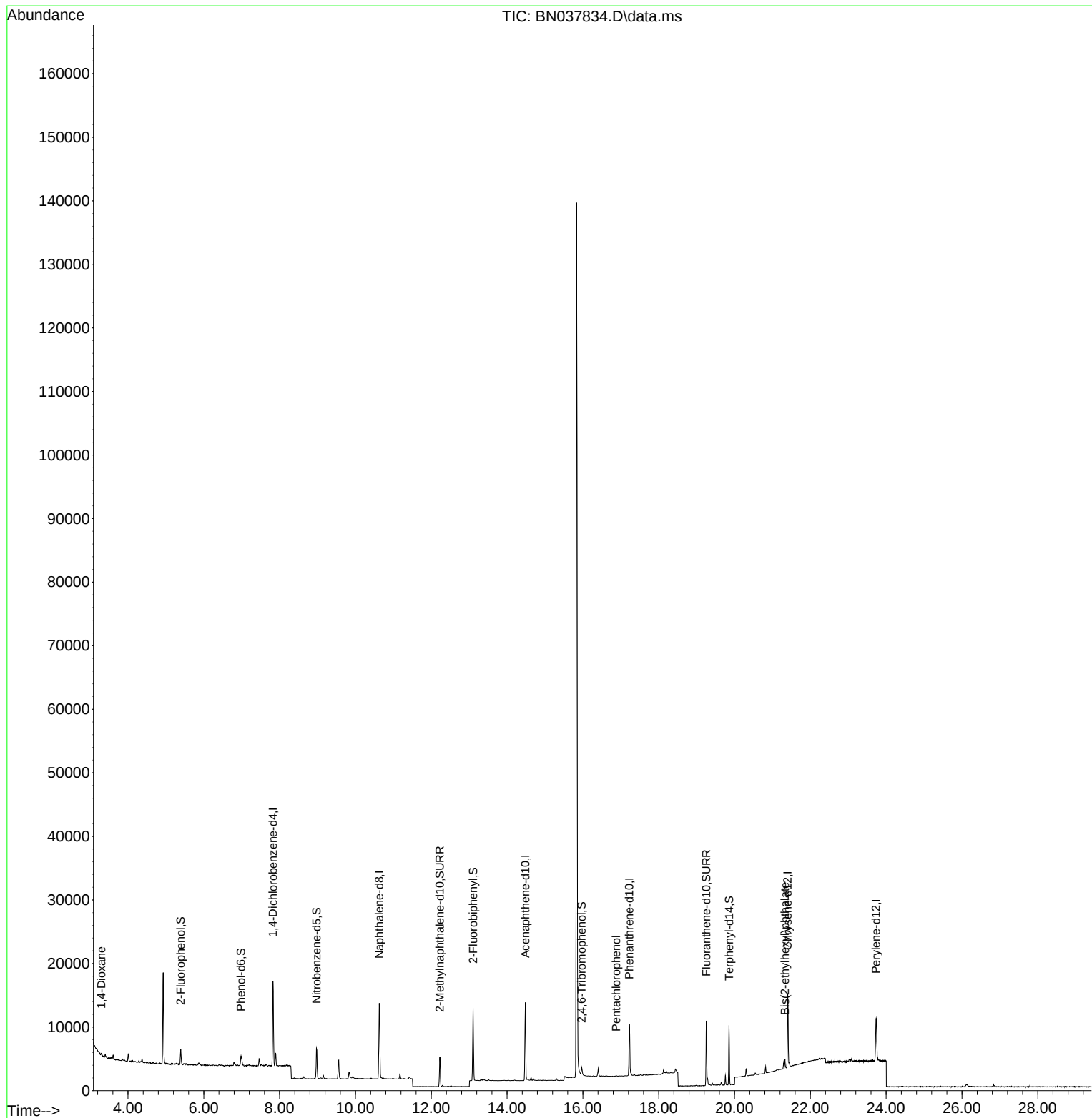
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	6378	0.400	ng	-0.01
7) Naphthalene-d8	10.626	136	16488	0.400	ng	#-0.02
13) Acenaphthene-d10	14.484	164	6684	0.400	ng	-0.01
19) Phenanthrene-d10	17.223	188	11955	0.400	ng	-0.01
29) Chrysene-d12	21.402	240	10371	0.400	ng	#-0.02
35) Perylene-d12	23.736	264	9922	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	1856	0.127	ng	0.00
5) Phenol-d6	6.980	99	1359	0.072	ng	0.00
8) Nitrobenzene-d5	8.971	82	4053	0.336	ng	-0.02
11) 2-Methylnaphthalene-d10	12.227	152	6123	0.280	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	711	0.408	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	9287	0.332	ng	-0.01
27) Fluoranthene-d10	19.257	212	10883	0.363	ng	-0.01
31) Terphenyl-d14	19.856	244	8390	0.399	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.297	88	186	0.028	ng	# 27
24) Pentachlorophenol	16.875	266	67	0.026	ng	# 73
34) Bis(2-ethylhexyl)phtha...	21.331	149	1310	0.122	ng	# 96

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

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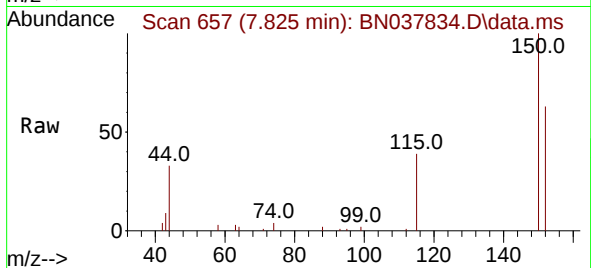
Quant Time: Sep 20 04:27:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



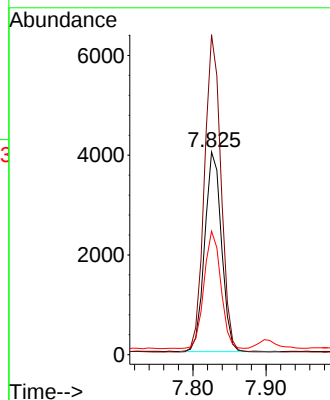
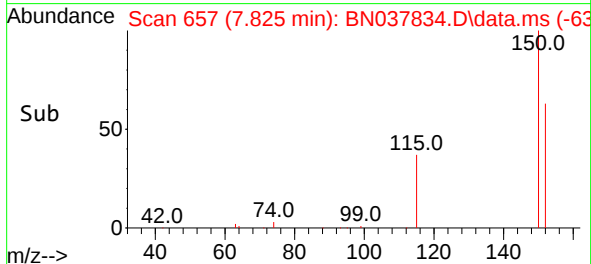


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.825 min Scan# 61
 Delta R.T. -0.015 min
 Lab File: BN037834.D
 Acq: 20 Sep 2025 03:48

Instrument :
 BNA_N
 ClientSampleId :

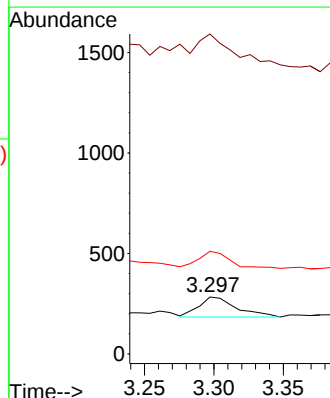
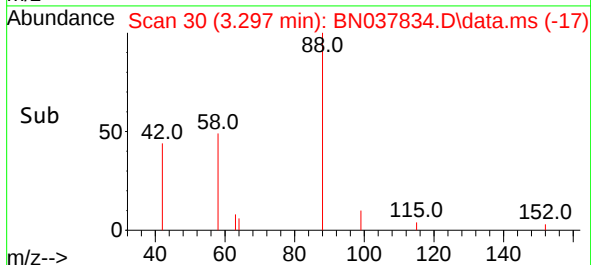
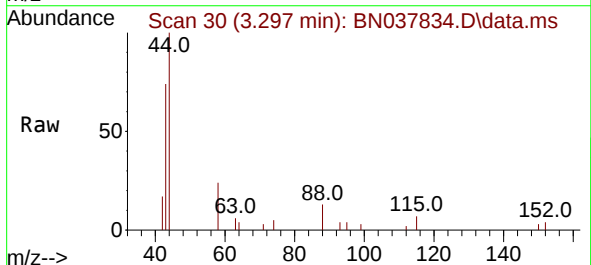


Tgt Ion:152 Resp: 6378
 Ion Ratio Lower Upper
 152 100
 150 157.8 124.5 186.7
 115 60.9 49.2 73.8



#2
 1,4-Dioxane
 Concen: 0.028 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037834.D
 Acq: 20 Sep 2025 03:48

Tgt Ion: 88 Resp: 186
 Ion Ratio Lower Upper
 88 100
 43 159.1 26.8 40.2#
 58 69.9 61.9 92.9

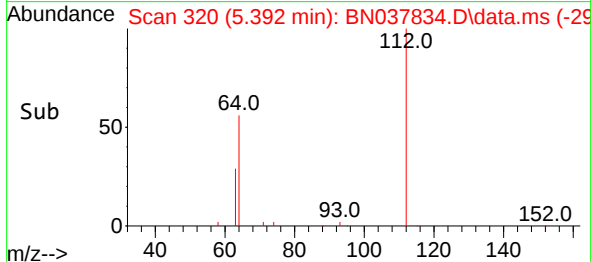
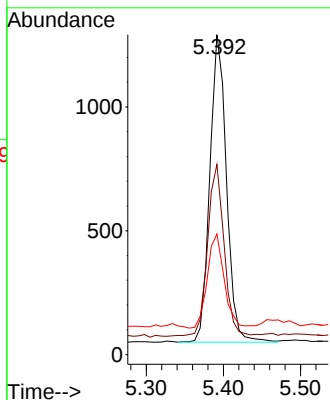
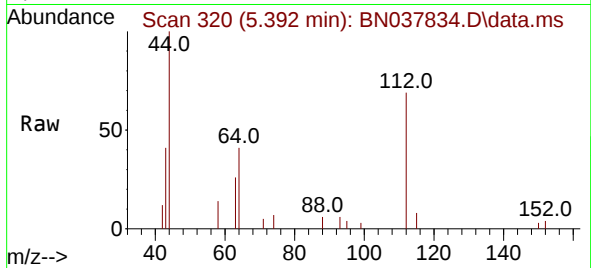




#4
2-Fluorophenol
Concen: 0.127 ng
RT: 5.392 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037834.D
Acq: 20 Sep 2025 03:48

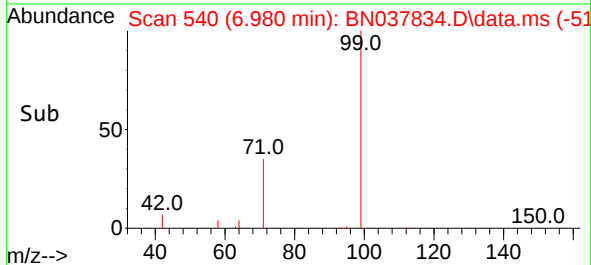
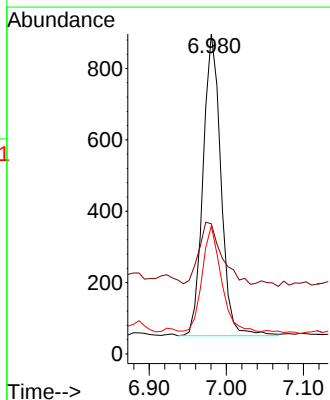
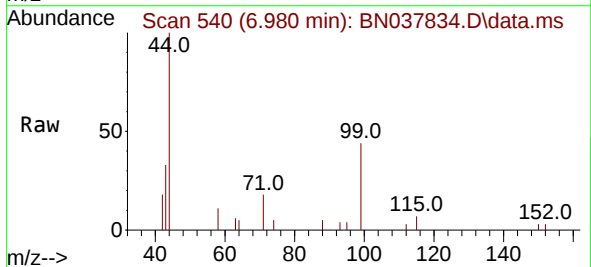
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 1856
Ion Ratio Lower Upper
112 100
64 55.5 44.9 67.3
63 30.9 24.7 37.1



#5
Phenol-d6
Concen: 0.072 ng
RT: 6.980 min Scan# 540
Delta R.T. -0.007 min
Lab File: BN037834.D
Acq: 20 Sep 2025 03:48

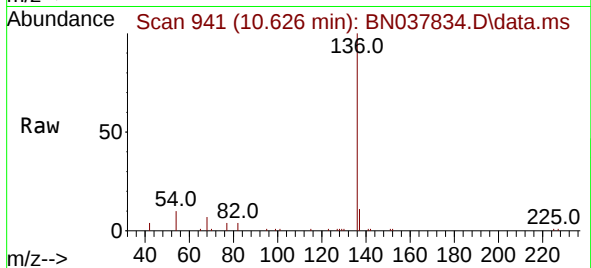
Tgt Ion: 99 Resp: 1359
Ion Ratio Lower Upper
99 100
42 25.4 16.6 24.8#
71 37.2 26.7 40.1



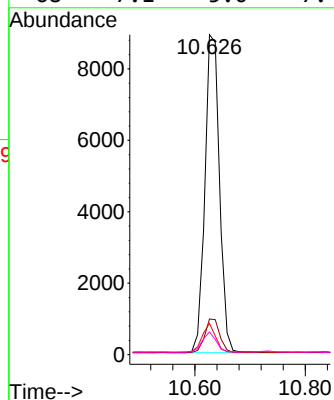
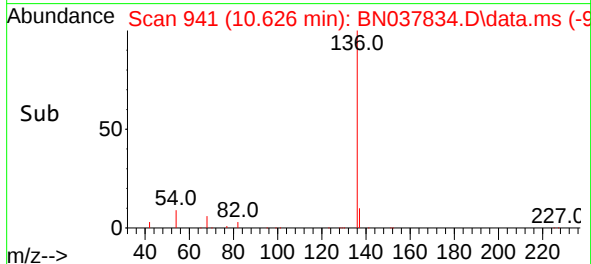


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.021 min
Lab File: BN037834.D
Acq: 20 Sep 2025 03:48

Instrument :
BNA_N
ClientSampleId :

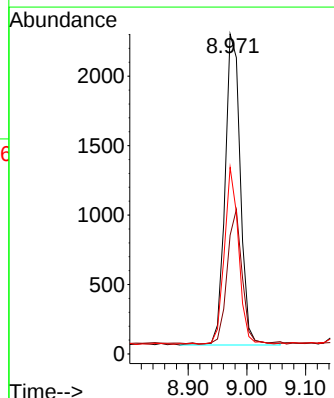
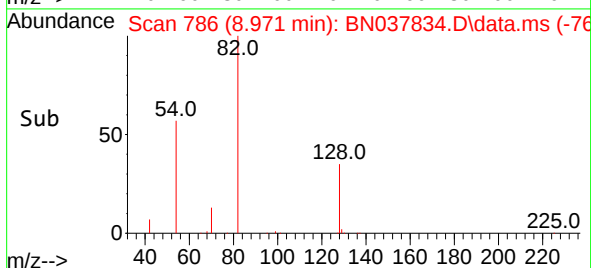
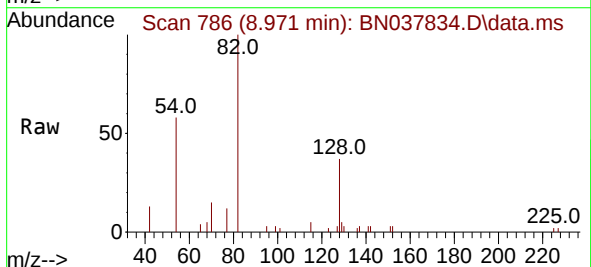


Tgt Ion:136 Resp: 16488
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 9.8 6.3 9.5#
68 7.1 5.0 7.4



#8
Nitrobenzene-d5
Concen: 0.336 ng
RT: 8.971 min Scan# 786
Delta R.T. -0.021 min
Lab File: BN037834.D
Acq: 20 Sep 2025 03:48

Tgt Ion: 82 Resp: 4053
Ion Ratio Lower Upper
82 100
128 37.1 38.3 57.5#
54 58.3 41.4 62.2

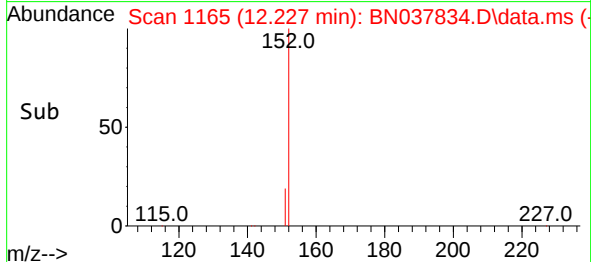
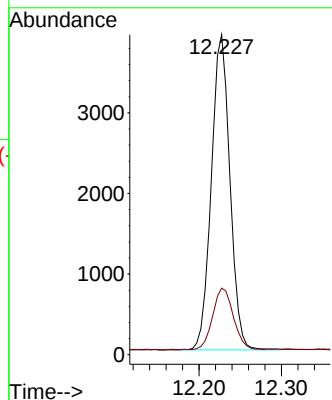
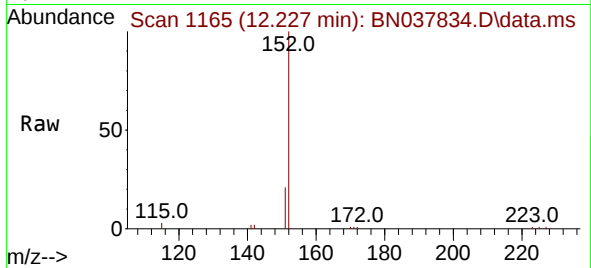




#11
2-Methylnaphthalene-d10
Concen: 0.280 ng
RT: 12.227 min Scan# 1165
Delta R.T. -0.015 min
Lab File: BN037834.D
Acq: 20 Sep 2025 03:48

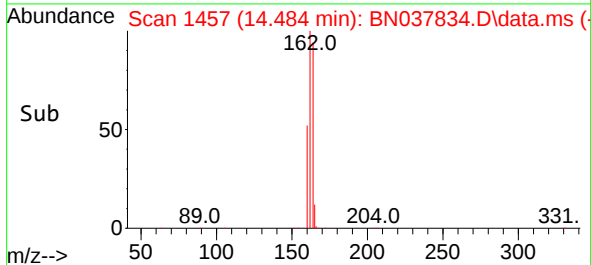
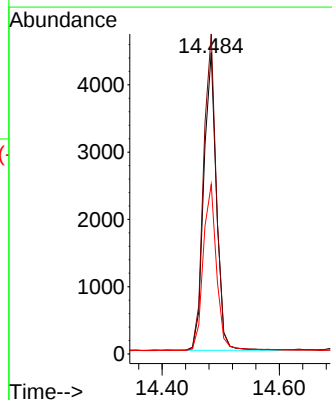
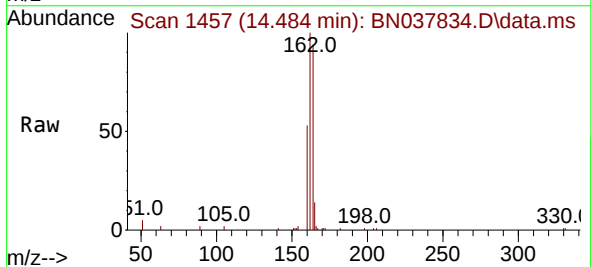
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6123
Ion Ratio Lower Upper
152 100
151 21.6 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1457
Delta R.T. -0.011 min
Lab File: BN037834.D
Acq: 20 Sep 2025 03:48

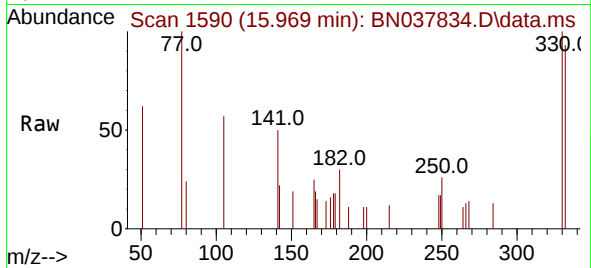
Tgt Ion:164 Resp: 6684
Ion Ratio Lower Upper
164 100
162 106.1 83.1 124.7
160 56.2 44.3 66.5



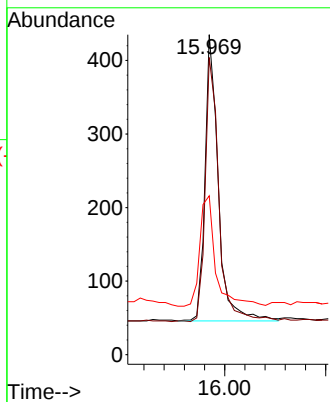
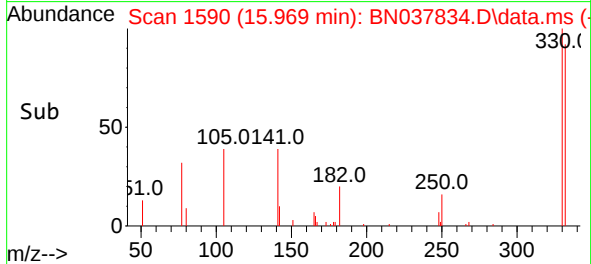


#14
2,4,6-Tribromophenol
Concen: 0.408 ng
RT: 15.969 min Scan# 1590
Delta R.T. -0.013 min
Lab File: BN037834.D
Acq: 20 Sep 2025 03:48

Instrument :
BNA_N
ClientSampleId :

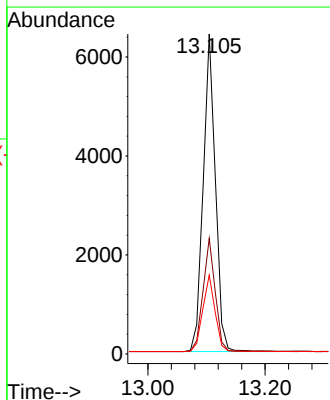
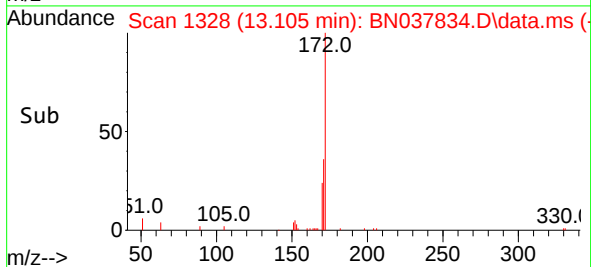
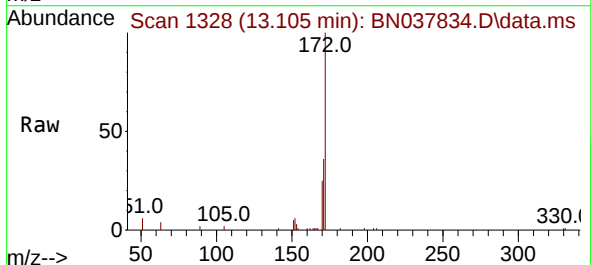


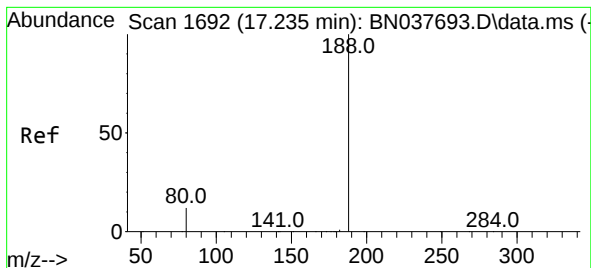
Tgt Ion:330 Resp: 711
Ion Ratio Lower Upper
330 100
332 95.4 75.3 112.9
141 45.4 35.0 52.4



#15
2-Fluorobiphenyl
Concen: 0.332 ng
RT: 13.105 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037834.D
Acq: 20 Sep 2025 03:48

Tgt Ion:172 Resp: 9287
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 24.6 19.8 29.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.223 min Scan# 1

Delta R.T. -0.013 min

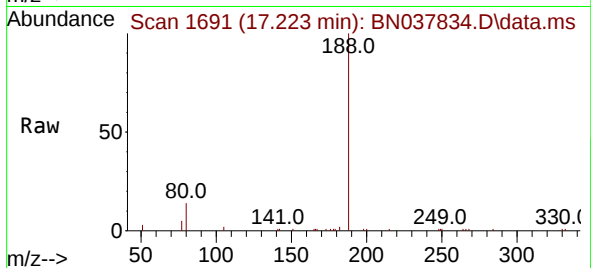
Lab File: BN037834.D

Acq: 20 Sep 2025 03:48

Instrument :

BNA_N

ClientSampleId :



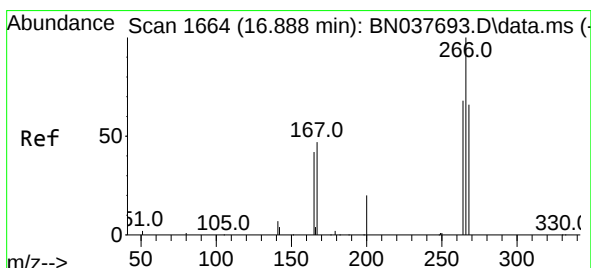
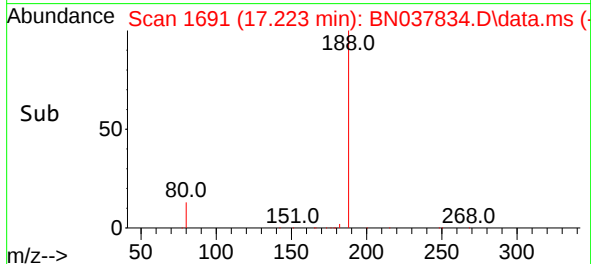
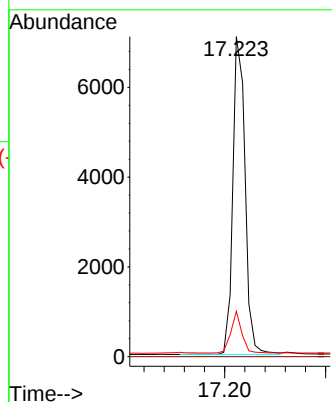
Tgt Ion:188 Resp: 11955

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.2 10.6 15.8



#24

Pentachlorophenol

Concen: 0.026 ng

RT: 16.875 min Scan# 1663

Delta R.T. -0.013 min

Lab File: BN037834.D

Acq: 20 Sep 2025 03:48

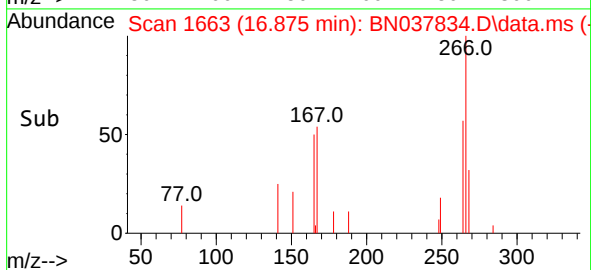
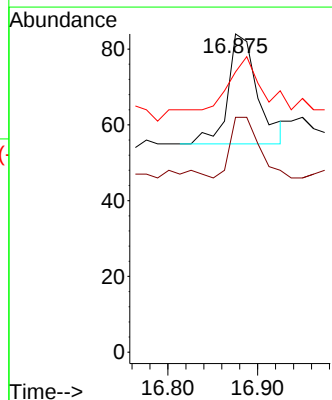
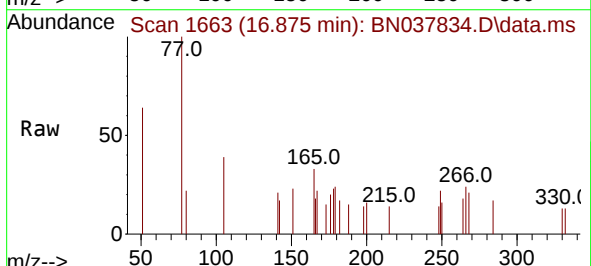
Tgt Ion:266 Resp: 67

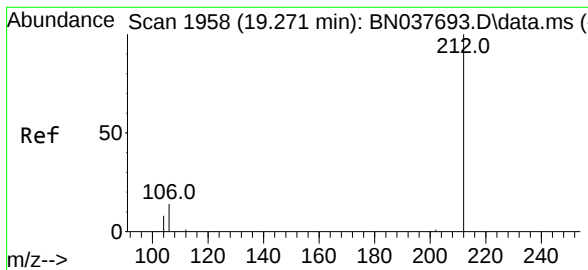
Ion Ratio Lower Upper

266 100

264 53.7 51.6 77.4

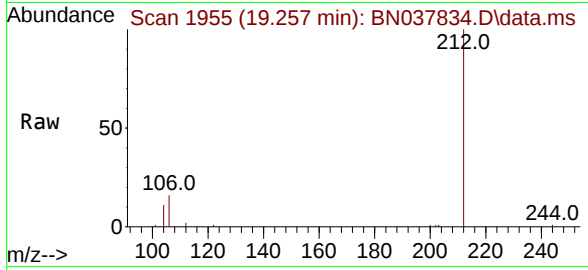
268 98.5 53.2 79.8#



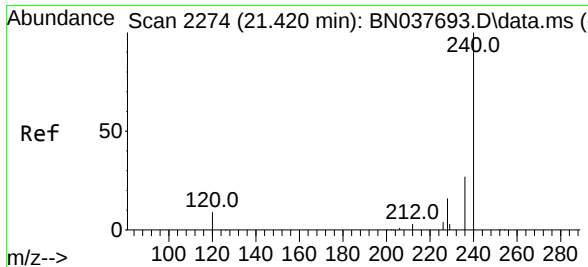
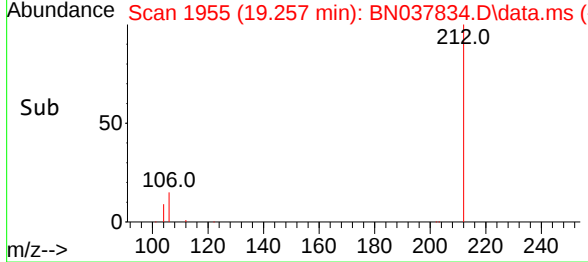
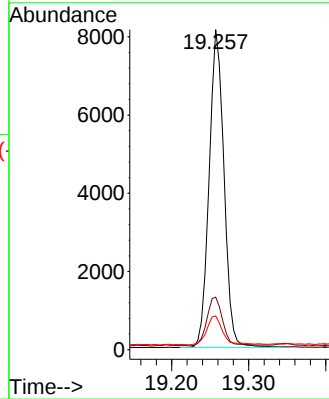


#27
Fluoranthene-d10
Concen: 0.363 ng
RT: 19.257 min Scan# 1955
Delta R.T. -0.014 min
Lab File: BN037834.D
Acq: 20 Sep 2025 03:48

Instrument :
BNA_N
ClientSampleId :

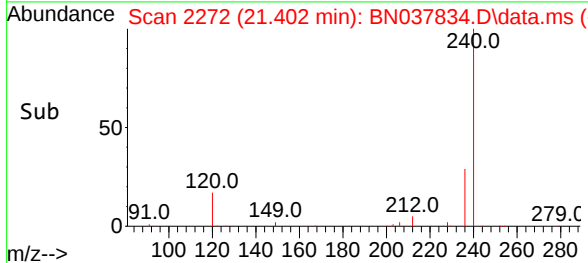
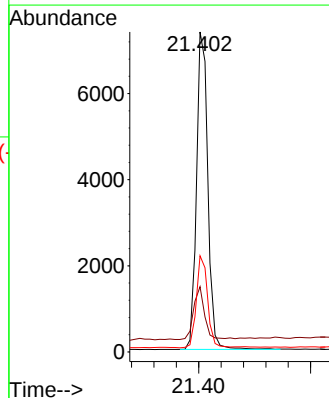
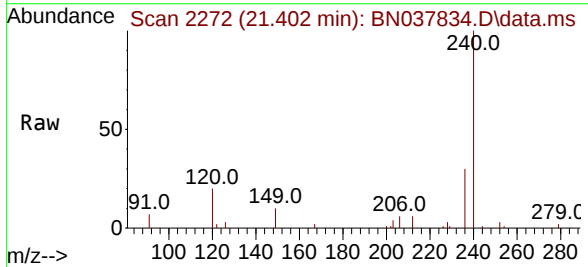


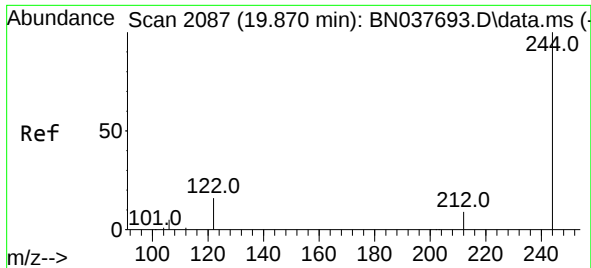
Tgt Ion:212 Resp: 10883
Ion Ratio Lower Upper
212 100
106 16.4 12.2 18.2
104 9.8 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 2272
Delta R.T. -0.018 min
Lab File: BN037834.D
Acq: 20 Sep 2025 03:48

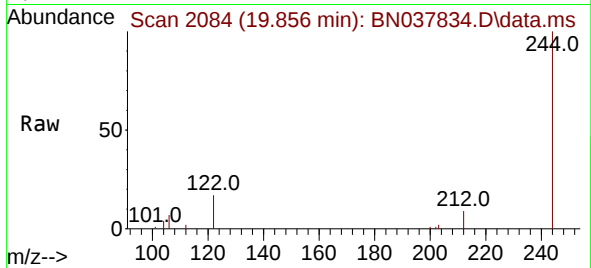
Tgt Ion:240 Resp: 10371
Ion Ratio Lower Upper
240 100
120 20.4 9.2 13.8#
236 30.1 22.6 33.8



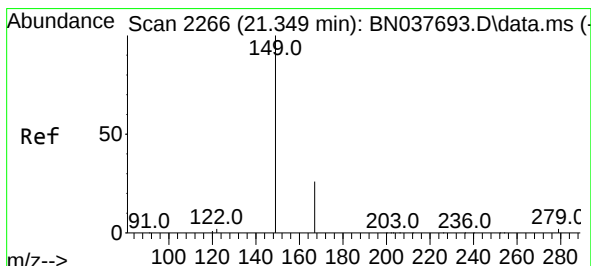
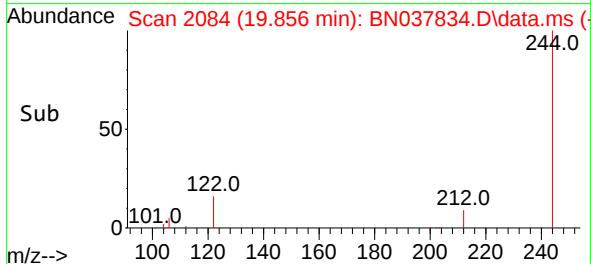
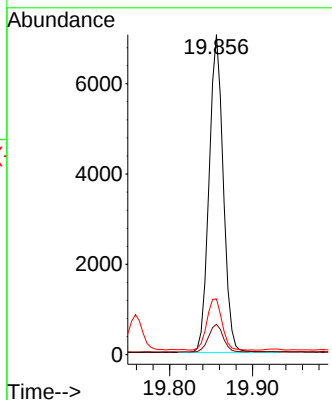


#31
Terphenyl-d14
Concen: 0.399 ng
RT: 19.856 min Scan# 2084
Delta R.T. -0.014 min
Lab File: BN037834.D
Acq: 20 Sep 2025 03:48

Instrument :
BNA_N
ClientSampleId :

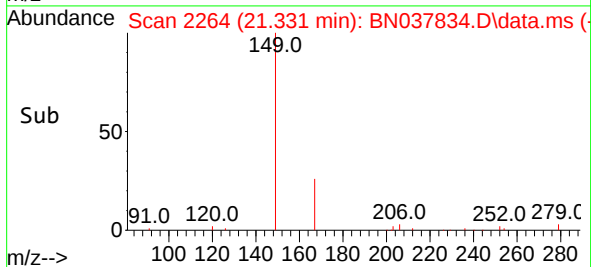
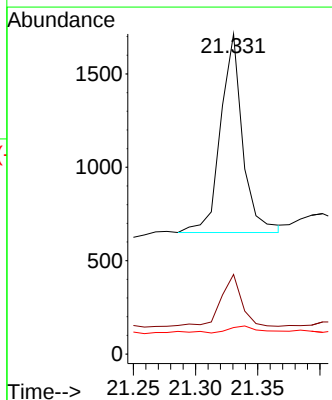
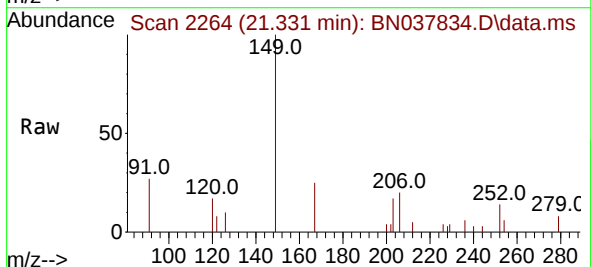


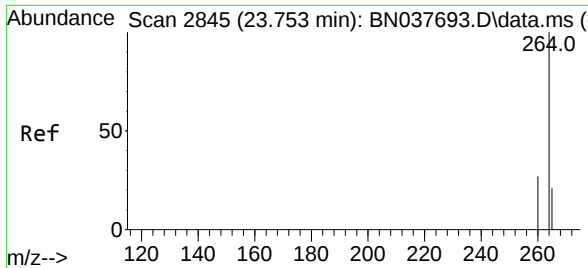
Tgt Ion:244 Resp: 8390
Ion Ratio Lower Upper
244 100
212 9.5 7.5 11.3
122 17.4 13.2 19.8



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.122 ng
RT: 21.331 min Scan# 2264
Delta R.T. -0.018 min
Lab File: BN037834.D
Acq: 20 Sep 2025 03:48

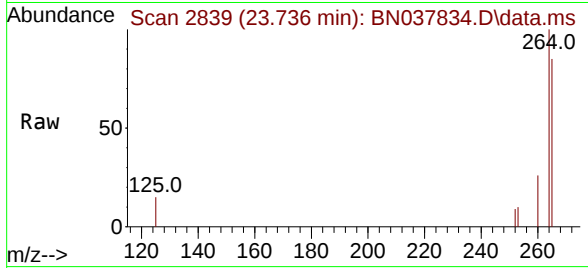
Tgt Ion:149 Resp: 1310
Ion Ratio Lower Upper
149 100
167 24.1 20.8 31.2
279 5.0 3.3 4.9#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.736 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BN037834.D
 Acq: 20 Sep 2025 03:48

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:264 Resp: 9922

Ion	Ratio	Lower	Upper
264	100		
260	26.3	21.8	32.8
265	85.4	39.4	59.2

