

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021225\
 Data File : BN036447.D
 Acq On : 12 Feb 2025 19:23
 Operator : RC/JU
 Sample : Q1325-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DSN002

Quant Time: Feb 12 23:16:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 11 01:17:14 2025
 Response via : Initial Calibration

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

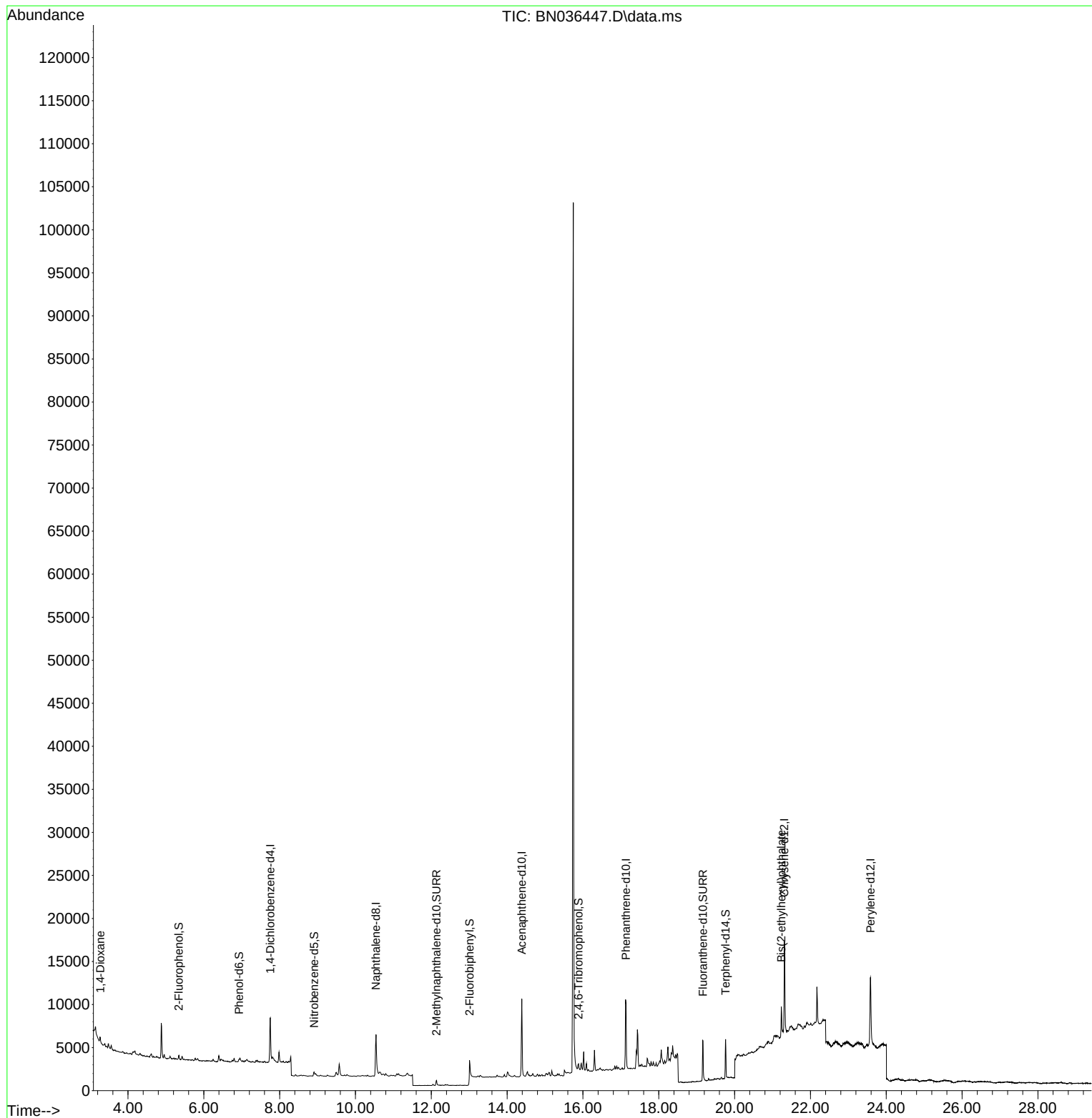
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.753	152	2680	0.400	ng	0.00
7) Naphthalene-d8	10.541	136	7215	0.400	ng	# 0.00
13) Acenaphthene-d10	14.388	164	5282	0.400	ng	0.00
19) Phenanthrene-d10	17.136	188	12207	0.400	ng	# 0.00
29) Chrysene-d12	21.313	240	10846	0.400	ng	# 0.00
35) Perylene-d12	23.584	264	10492	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	361	0.057	ng	0.00
5) Phenol-d6	6.930	99	324	0.044	ng	0.00
8) Nitrobenzene-d5	8.907	82	574	0.081	ng	0.00
11) 2-Methylnaphthalene-d10	12.136	152	1010	0.091	ng	0.00
14) 2,4,6-Tribromophenol	15.883	330	434	0.166	ng	0.00
15) 2-Fluorobiphenyl	13.009	172	1958	0.099	ng	-0.01
27) Fluoranthene-d10	19.164	212	5332	0.157	ng	0.00
31) Terphenyl-d14	19.764	244	4405	0.190	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.268	88	364	0.124	ng	# 61
34) Bis(2-ethylhexyl)phtha...	21.232	149	3779	0.170	ng	# 99

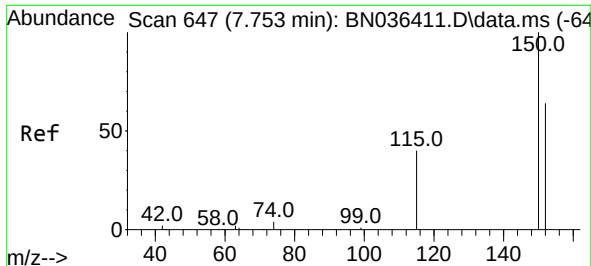
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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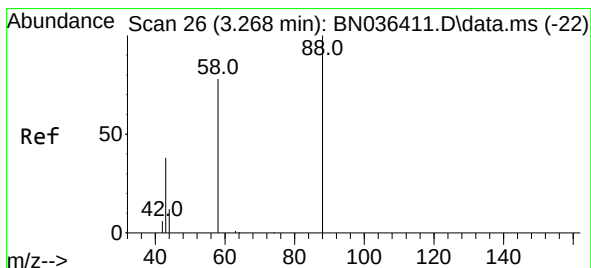
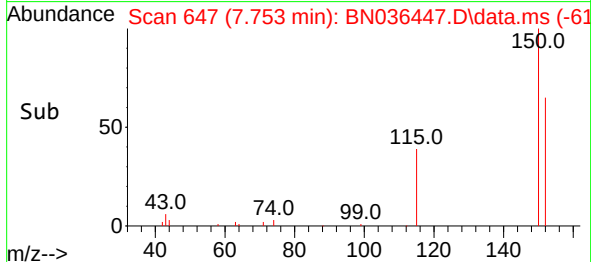
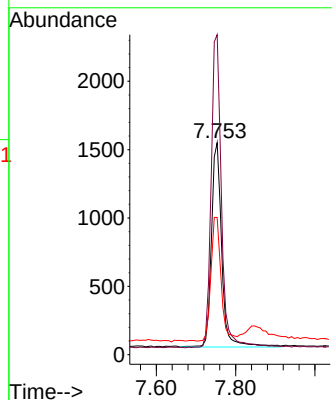
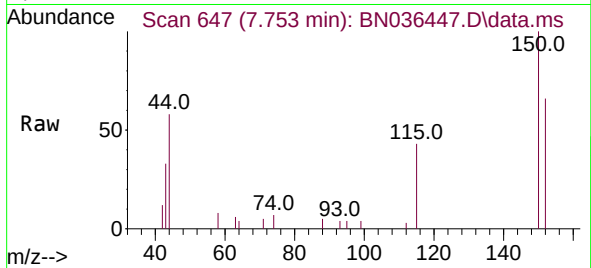




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.753 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN036447.D
 Acq: 12 Feb 2025 19:23

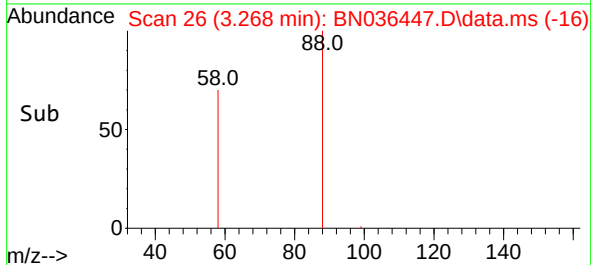
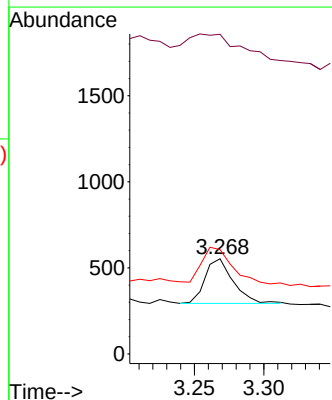
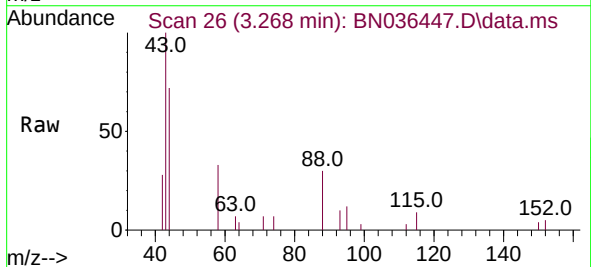
Instrument :
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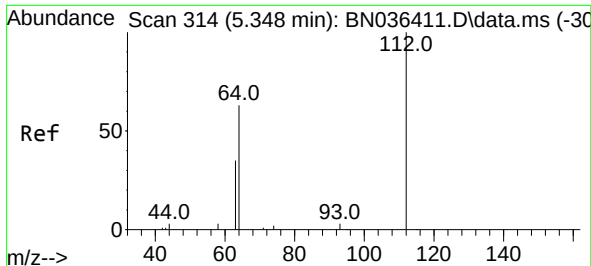
Tgt Ion: 152 Resp: 2680
 Ion Ratio Lower Upper
 152 100
 150 150.9 123.7 185.5
 115 64.8 52.5 78.7



#2
 1,4-Dioxane
 Concen: 0.124 ng
 RT: 3.268 min Scan# 26
 Delta R.T. 0.000 min
 Lab File: BN036447.D
 Acq: 12 Feb 2025 19:23

Tgt Ion: 88 Resp: 364
 Ion Ratio Lower Upper
 88 100
 43 113.5 33.7 50.5#
 58 88.5 68.9 103.3

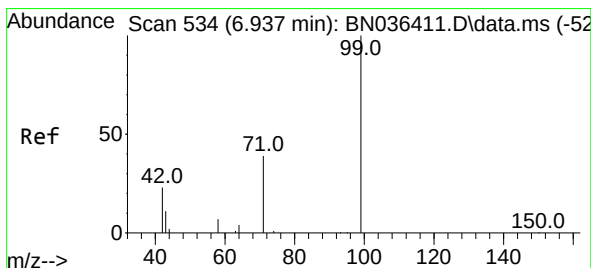
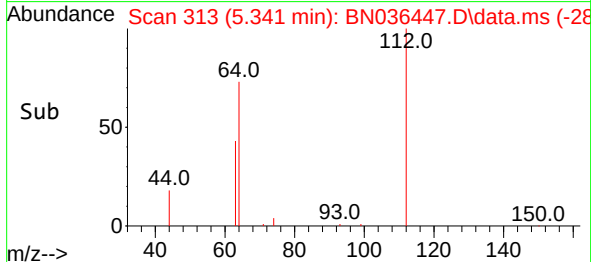
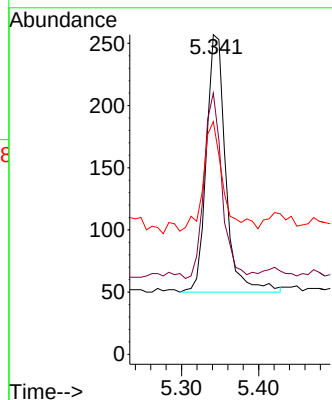
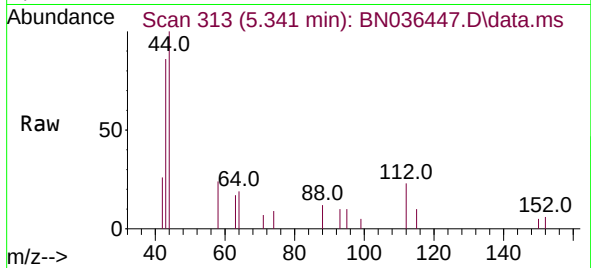




#4
2-Fluorophenol
Concen: 0.057 ng
RT: 5.341 min Scan# 314
Delta R.T. -0.007 min
Lab File: BN036447.D
Acq: 12 Feb 2025 19:23

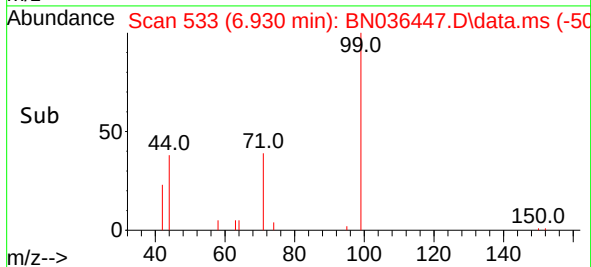
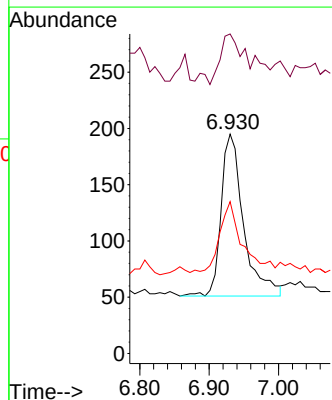
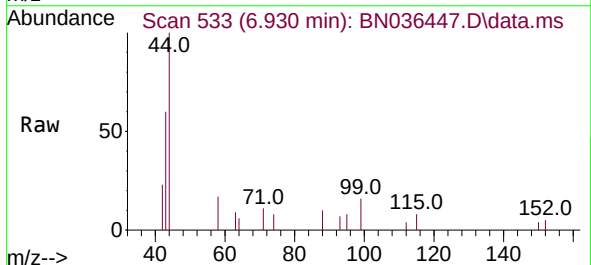
Instrument :
BNA_N
ClientSampleId :
DSN002

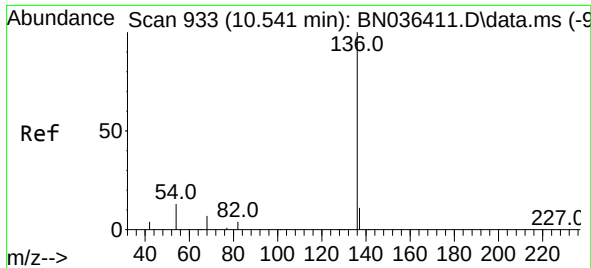
Tgt Ion:112 Resp: 361
Ion Ratio Lower Upper
112 100
64 67.0 53.4 80.0
63 43.2 30.3 45.5



#5
Phenol-d6
Concen: 0.044 ng
RT: 6.930 min Scan# 533
Delta R.T. -0.007 min
Lab File: BN036447.D
Acq: 12 Feb 2025 19:23

Tgt Ion: 99 Resp: 324
Ion Ratio Lower Upper
99 100
42 40.7 21.7 32.5#
71 43.8 32.6 49.0

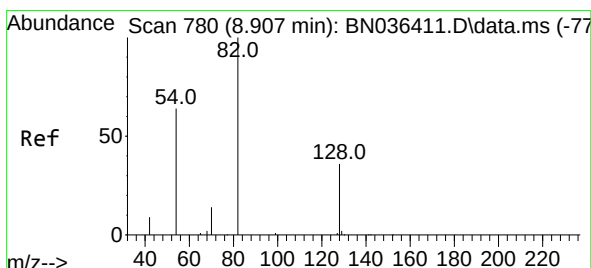
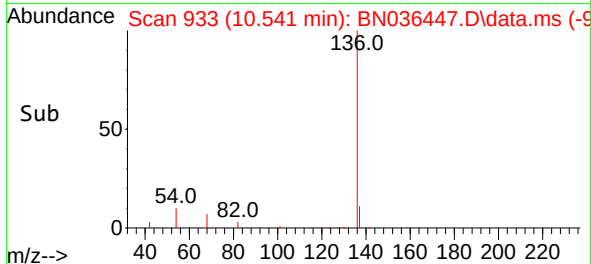
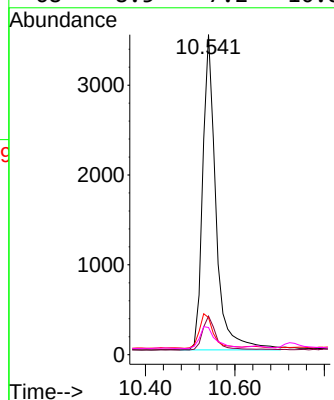
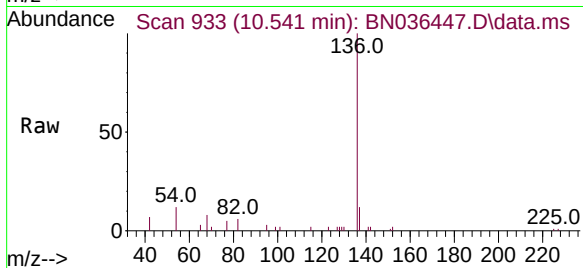




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.541 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN036447.D
Acq: 12 Feb 2025 19:23

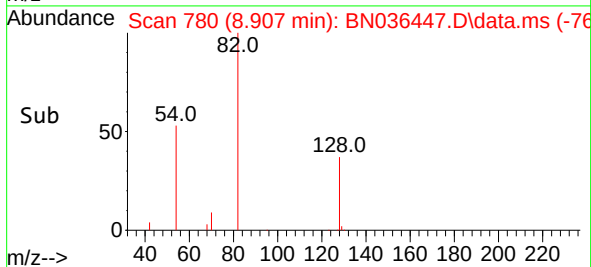
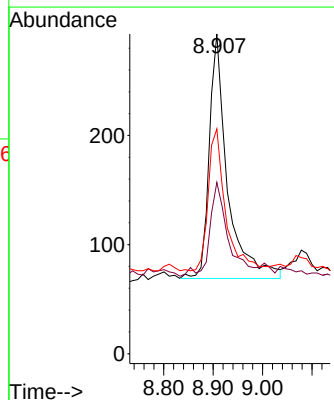
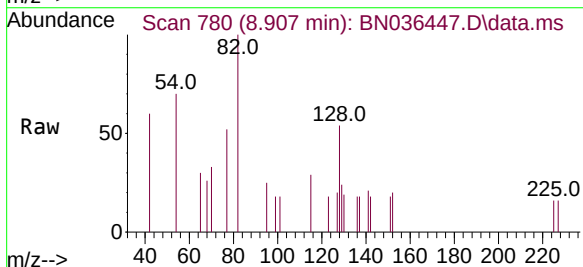
Instrument :
BNA_N
ClientSampleId :
DSN002

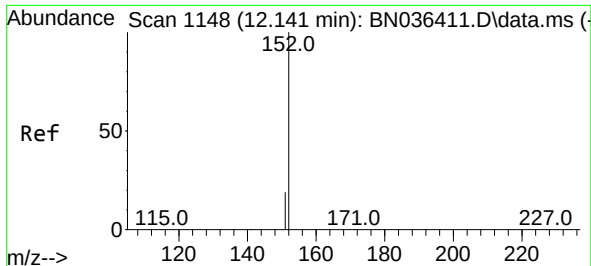
Tgt Ion:	136	Resp:	7215
Ion	Ratio	Lower	Upper
136	100		
137	12.1	10.1	15.1
54	11.6	11.8	17.6#
68	8.5	7.2	10.8



#8
Nitrobenzene-d5
Concen: 0.081 ng
RT: 8.907 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN036447.D
Acq: 12 Feb 2025 19:23

Tgt Ion:	82	Resp:	574
Ion	Ratio	Lower	Upper
82	100		
128	53.6	31.9	47.9#
54	70.3	53.1	79.7

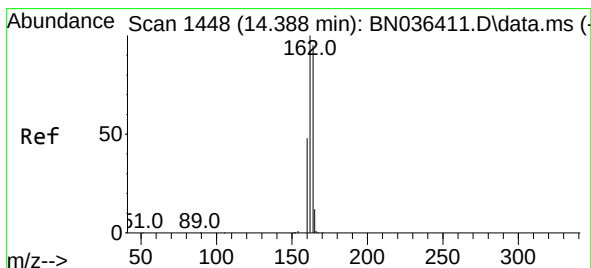
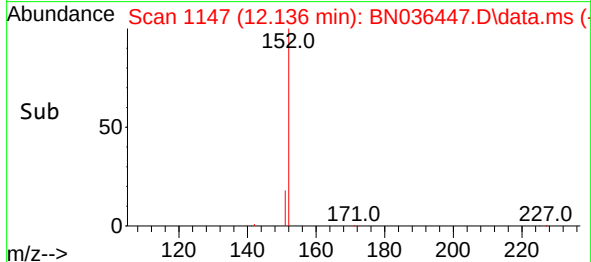
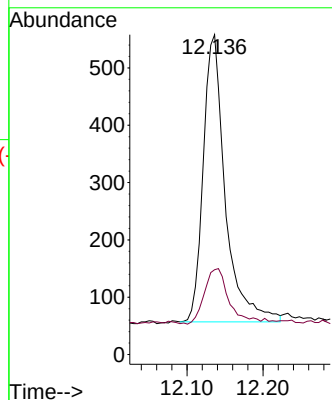
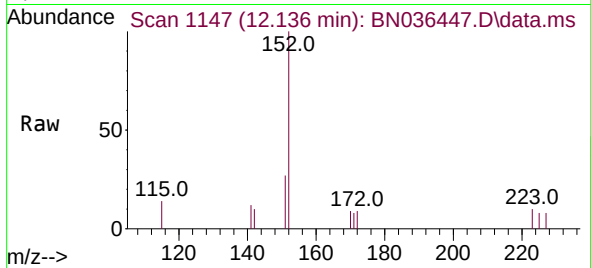




#11
2-Methylnaphthalene-d10
Concen: 0.091 ng
RT: 12.136 min Scan# 1147
Delta R.T. -0.005 min
Lab File: BN036447.D
Acq: 12 Feb 2025 19:23

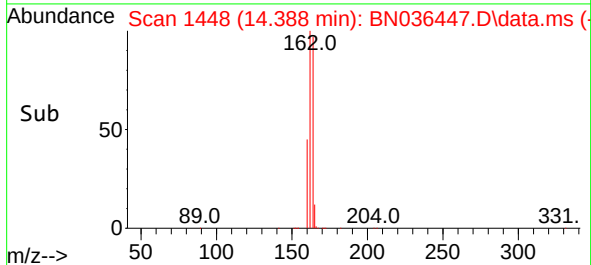
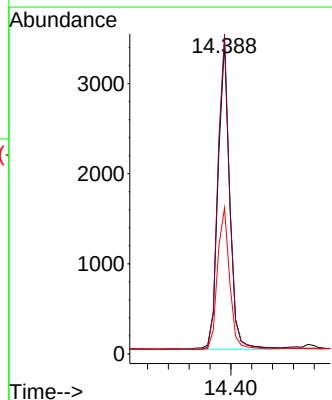
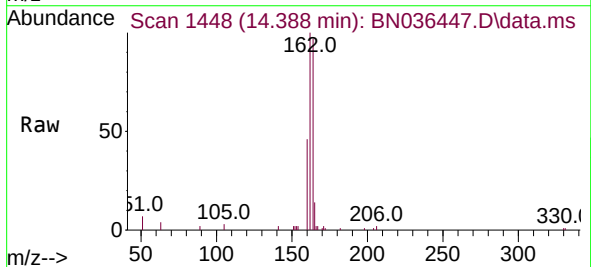
Instrument :
BNA_N
ClientSampleId :
DSN002

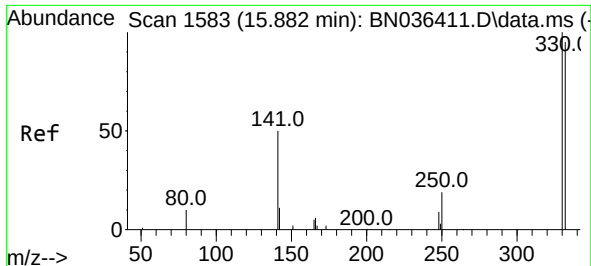
Tgt Ion:152 Resp: 1010
Ion Ratio Lower Upper
152 100
151 21.6 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BN036447.D
Acq: 12 Feb 2025 19:23

Tgt Ion:164 Resp: 5282
Ion Ratio Lower Upper
164 100
162 102.7 84.1 126.1
160 46.9 41.4 62.0

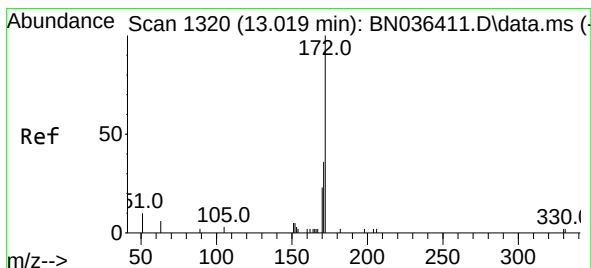
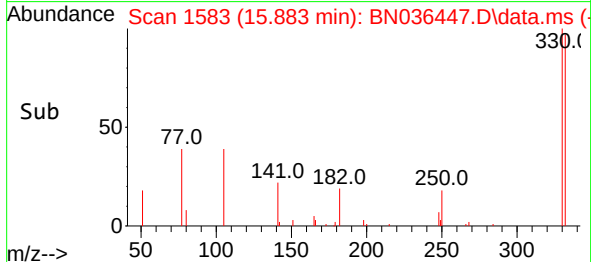
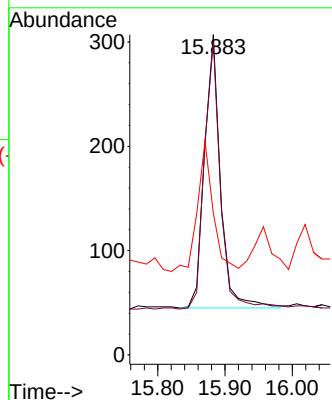
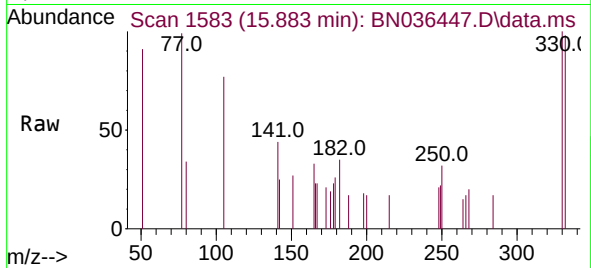




#14
2,4,6-Tribromophenol
Concen: 0.166 ng
RT: 15.883 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN036447.D
Acq: 12 Feb 2025 19:23

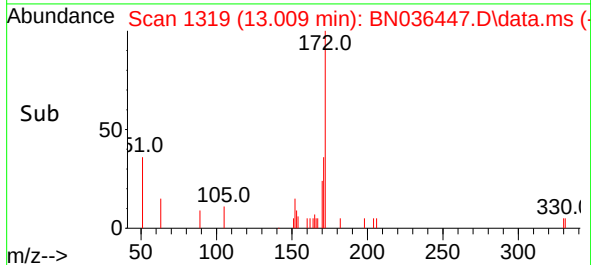
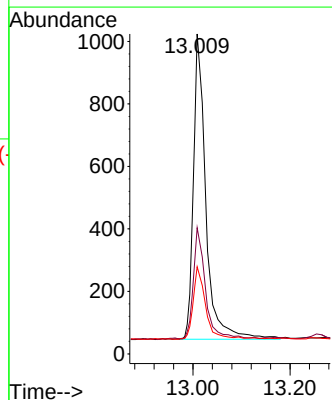
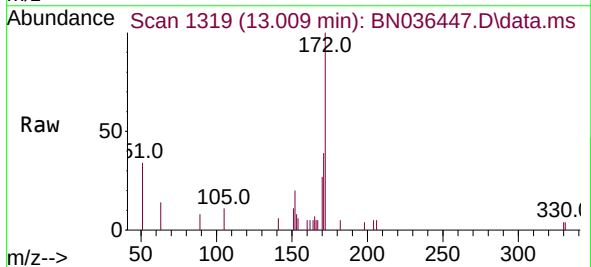
Instrument :
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ClientSampleId :
DSN002

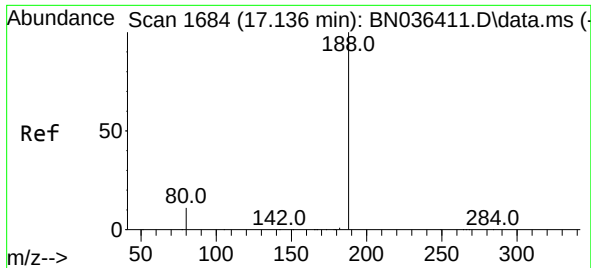
Tgt Ion:330 Resp: 434
Ion Ratio Lower Upper
330 100
332 99.1 76.6 114.8
141 46.3 37.8 56.8



#15
2-Fluorobiphenyl
Concen: 0.099 ng
RT: 13.009 min Scan# 1319
Delta R.T. -0.011 min
Lab File: BN036447.D
Acq: 12 Feb 2025 19:23

Tgt Ion:172 Resp: 1958
Ion Ratio Lower Upper
172 100
171 39.5 29.6 44.4
170 27.2 19.8 29.6

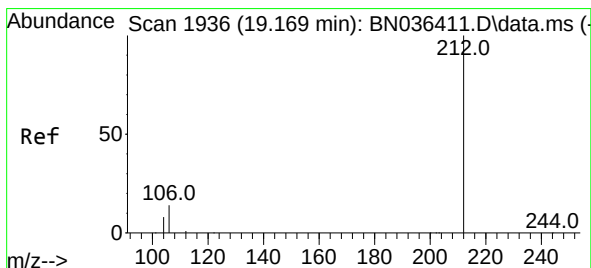
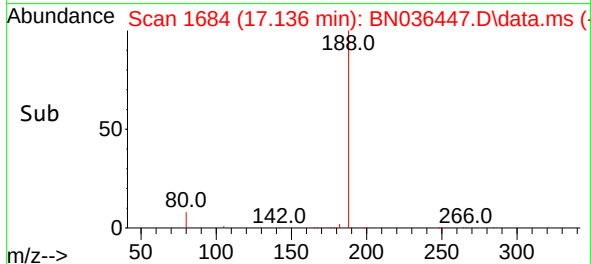
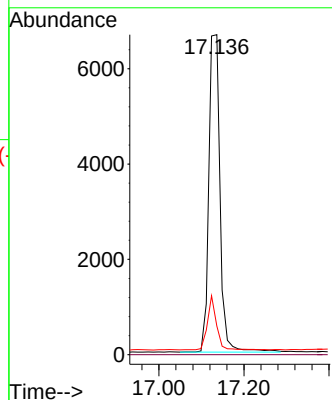
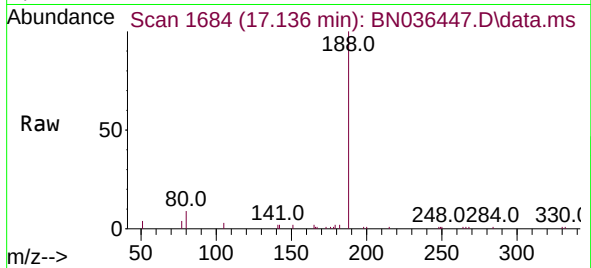




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. 0.000 min
Lab File: BN036447.D
Acq: 12 Feb 2025 19:23

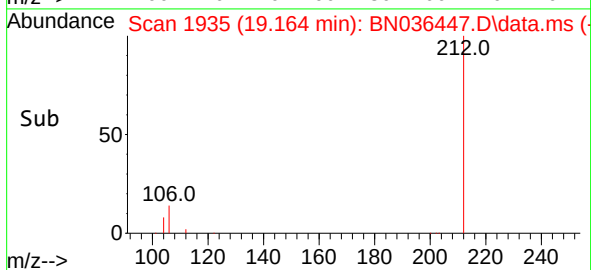
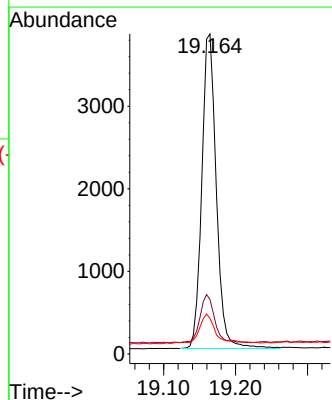
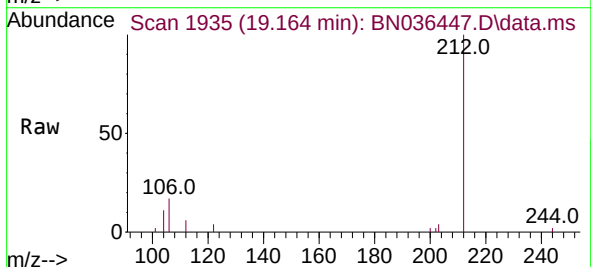
Instrument :
BNA_N
ClientSampleId :
DSN002

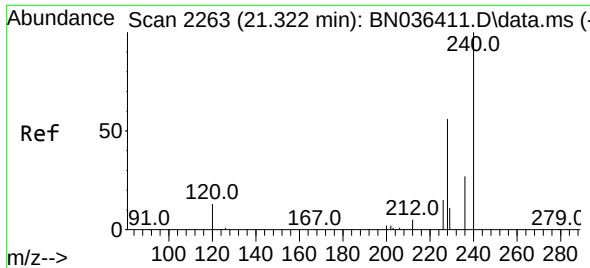
Tgt Ion:188 Resp: 12207
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.0 9.8 14.6#



#27
Fluoranthene-d10
Concen: 0.157 ng
RT: 19.164 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BN036447.D
Acq: 12 Feb 2025 19:23

Tgt Ion:212 Resp: 5332
Ion Ratio Lower Upper
212 100
106 15.1 11.5 17.3
104 11.2 7.1 10.7#

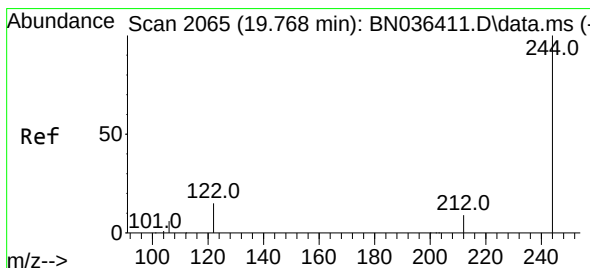
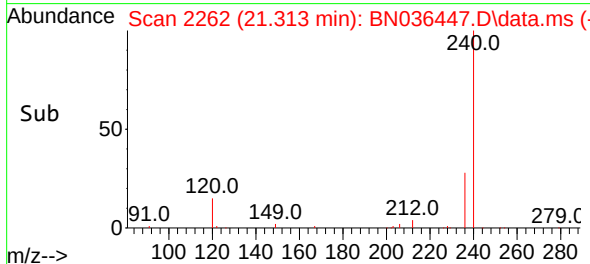
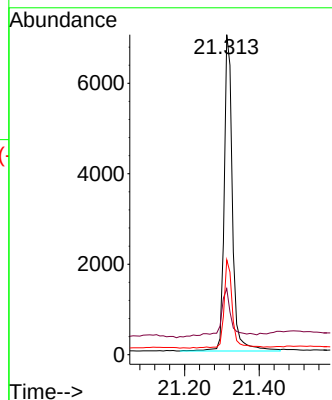
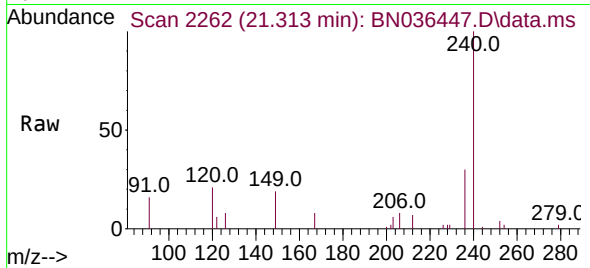




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.313 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN036447.D
Acq: 12 Feb 2025 19:23

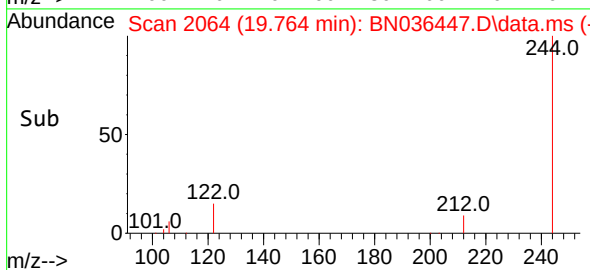
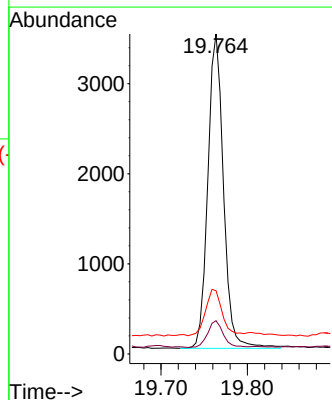
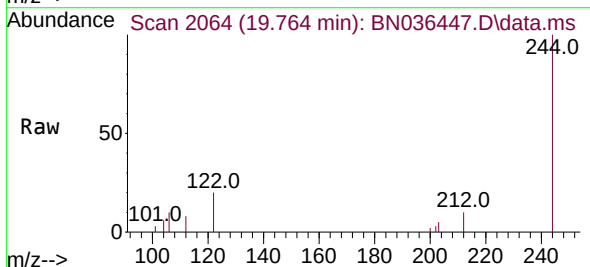
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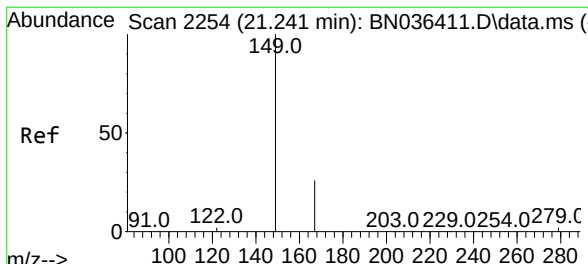
Tgt Ion:240 Resp: 10846
Ion Ratio Lower Upper
240 100
120 20.7 13.3 19.9#
236 29.7 23.0 34.6



#31
Terphenyl-d14
Concen: 0.190 ng
RT: 19.764 min Scan# 2064
Delta R.T. -0.005 min
Lab File: BN036447.D
Acq: 12 Feb 2025 19:23

Tgt Ion:244 Resp: 4405
Ion Ratio Lower Upper
244 100
212 10.4 8.1 12.1
122 19.7 12.8 19.2#



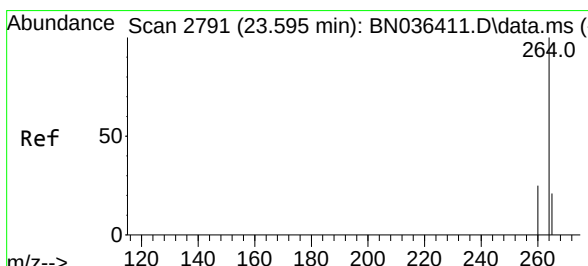
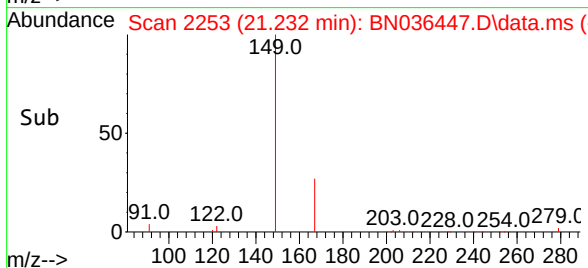
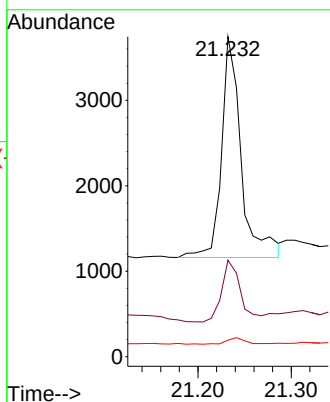
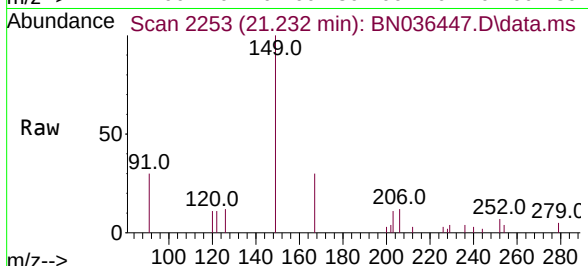


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.170 ng
 RT: 21.232 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN036447.D
 Acq: 12 Feb 2025 19:23

Instrument :
 BNA_N
 ClientSampleId :
 DSN002

Tgt Ion:149 Resp: 3779

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.2	31.8
279	2.6	2.7	4.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.584 min Scan# 2787
 Delta R.T. -0.012 min
 Lab File: BN036447.D
 Acq: 12 Feb 2025 19:23

Tgt Ion:264 Resp: 10492

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.9	31.3
265	65.9	60.7	91.1

