

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
 Data File : BN036620.D
 Acq On : 14 Mar 2025 23:30
 Operator : RC/JU
 Sample : Q1559-21
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D3-20250312

Quant Time: Mar 15 00:12:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 16:06:28 2025
 Response via : Initial Calibration

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

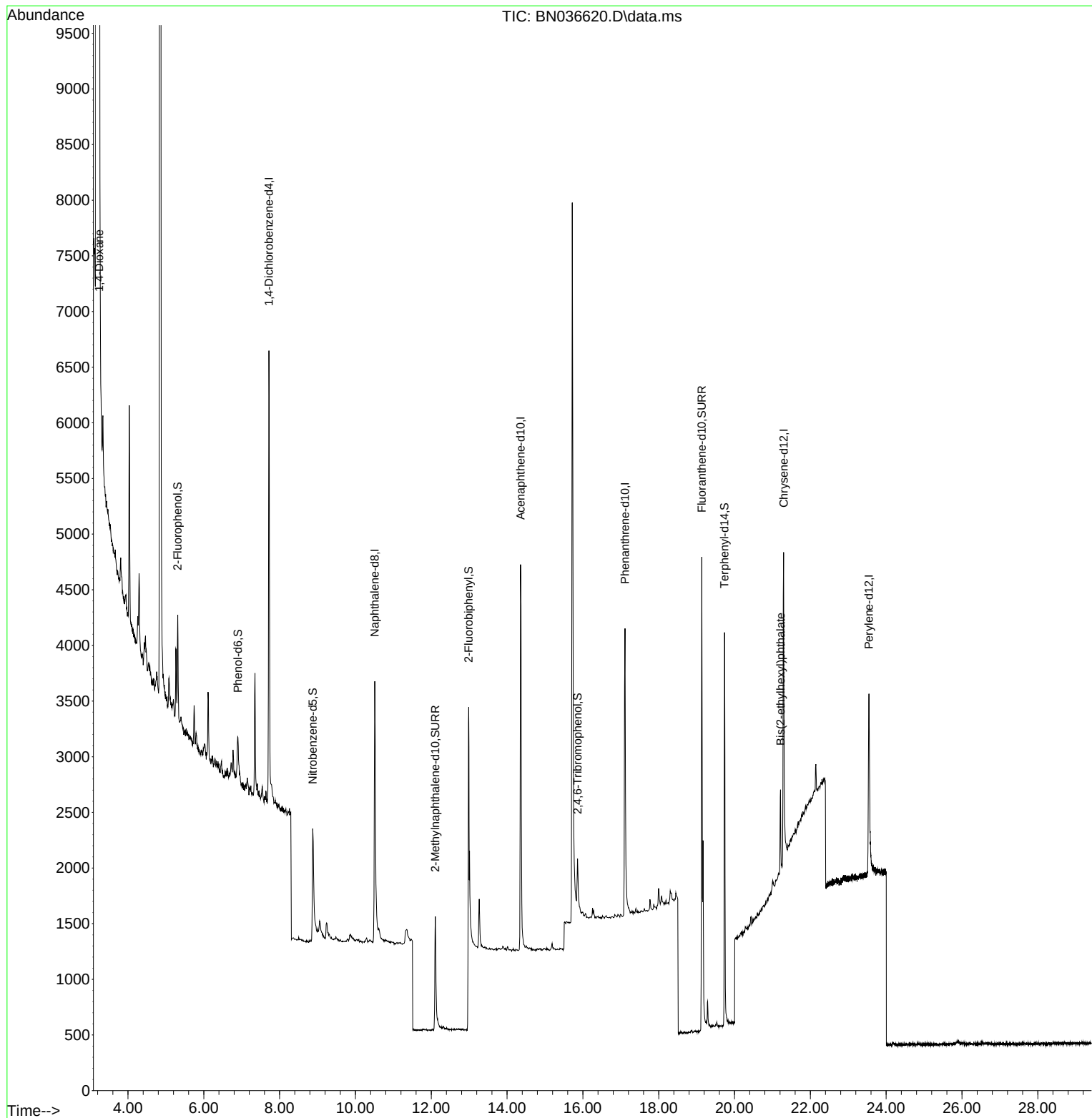
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	1831	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4089	0.400	ng	0.00
13) Acenaphthene-d10	14.355	164	2366	0.400	ng	-0.01
19) Phenanthrene-d10	17.111	188	4711	0.400	ng	0.00
29) Chrysene-d12	21.295	240	3383	0.400	ng	0.00
35) Perylene-d12	23.546	264	2708	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	646	0.151	ng	0.00
5) Phenol-d6	6.901	99	429	0.081	ng	0.00
8) Nitrobenzene-d5	8.875	82	1395	0.314	ng	0.00
11) 2-Methylnaphthalene-d10	12.106	152	2002	0.329	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	334	0.311	ng	0.00
15) 2-Fluorobiphenyl	12.988	172	4824	0.350	ng	0.00
27) Fluoranthene-d10	19.136	212	5281	0.437	ng	0.00
31) Terphenyl-d14	19.736	244	3712	0.458	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	16435	8.091	ng	96
34) Bis(2-ethylhexyl)phtha...	21.214	149	860	0.103	ng	# 99

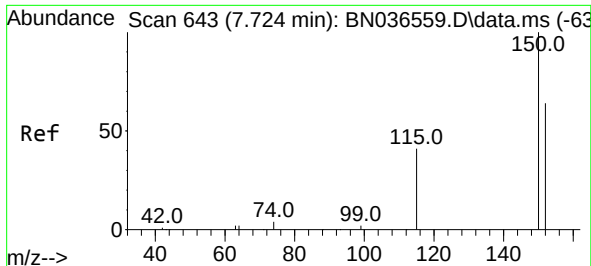
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 14 Sample Multiplier: 1

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BNA_N
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RE120D3-20250312

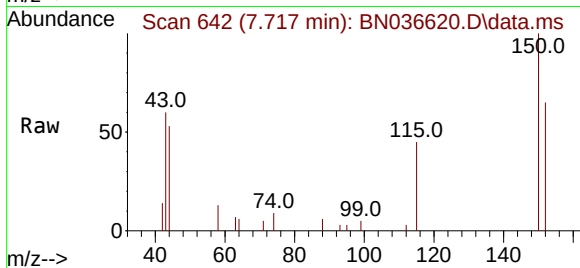
Quant Time: Mar 15 00:12:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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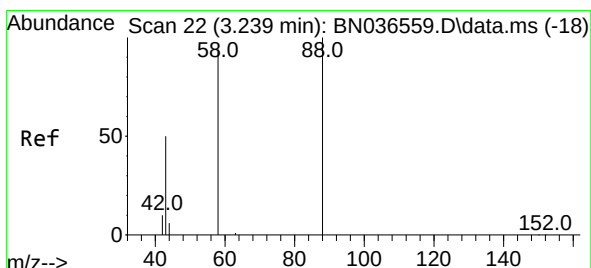
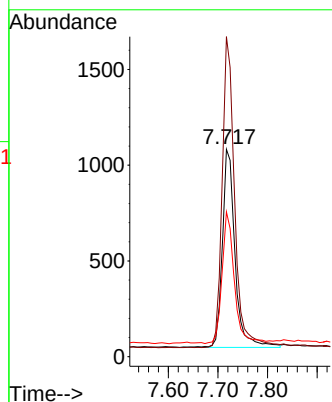
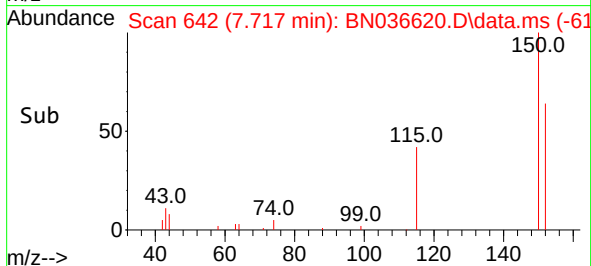


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN036620.D
 Acq: 14 Mar 2025 23:30

Instrument :
 BNA_N
 ClientSampleId :
 RE120D3-20250312

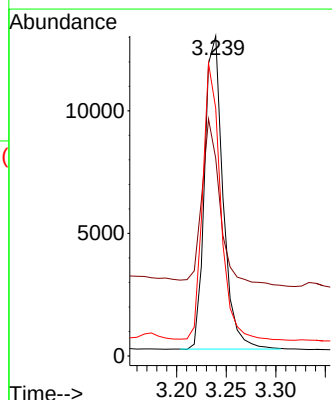
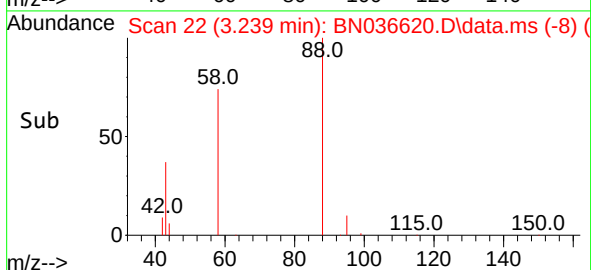
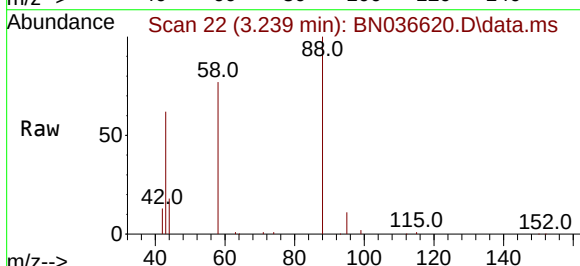


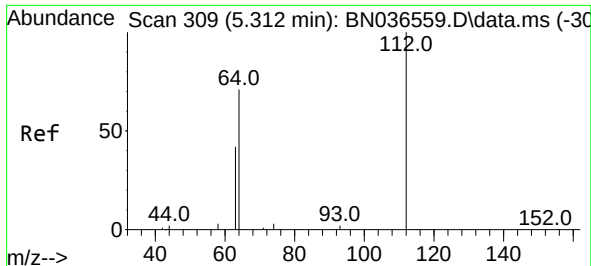
Tgt Ion:152 Resp: 1831
 Ion Ratio Lower Upper
 152 100
 150 154.3 123.7 185.5
 115 69.8 54.3 81.5



#2
 1,4-Dioxane
 Concen: 8.091 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN036620.D
 Acq: 14 Mar 2025 23:30

Tgt Ion: 88 Resp: 16435
 Ion Ratio Lower Upper
 88 100
 43 52.6 37.8 56.8
 58 85.3 67.4 101.2

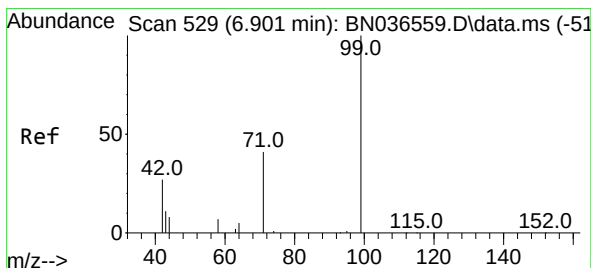
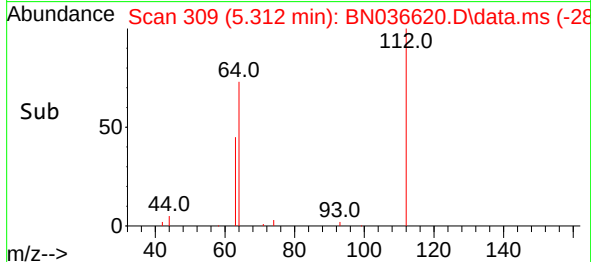
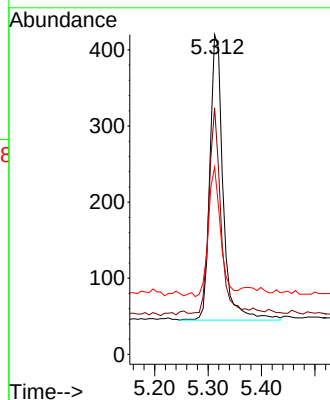
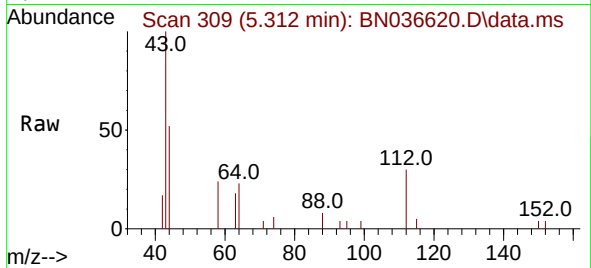




#4
2-Fluorophenol
Concen: 0.151 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN036620.D
Acq: 14 Mar 2025 23:30

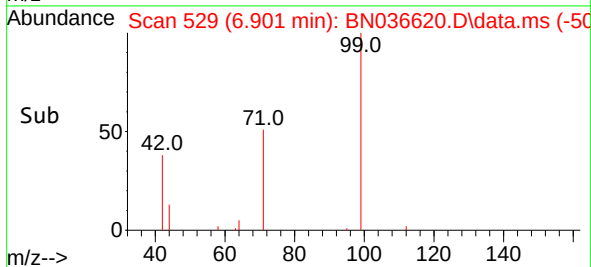
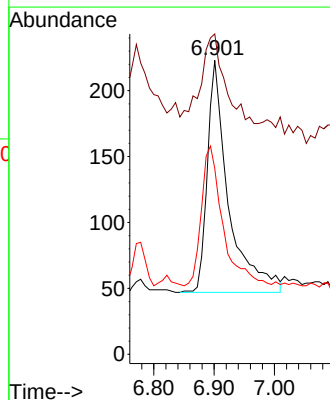
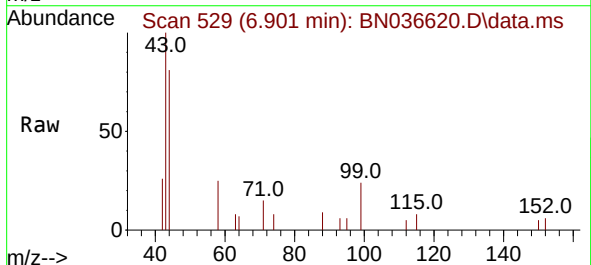
Instrument :
BNA_N
ClientSampleId :
RE120D3-20250312

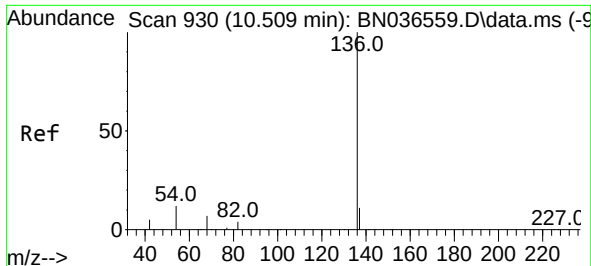
Tgt Ion:112 Resp: 646
Ion Ratio Lower Upper
112 100
64 64.2 53.1 79.7
63 41.5 31.8 47.8



#5
Phenol-d6
Concen: 0.081 ng
RT: 6.901 min Scan# 529
Delta R.T. 0.000 min
Lab File: BN036620.D
Acq: 14 Mar 2025 23:30

Tgt Ion: 99 Resp: 429
Ion Ratio Lower Upper
99 100
42 41.3 26.5 39.7#
71 60.8 34.1 51.1#

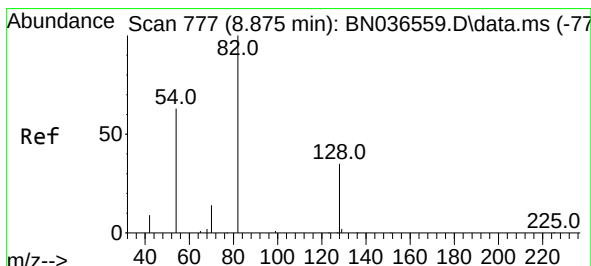
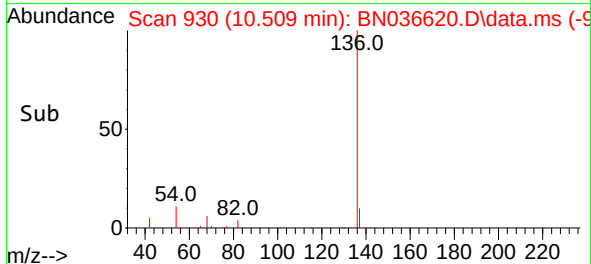
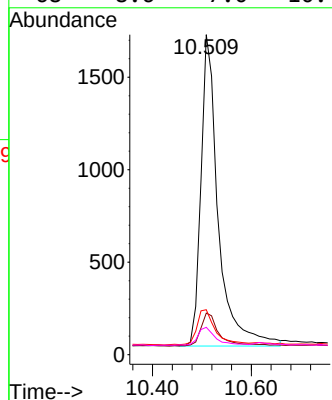
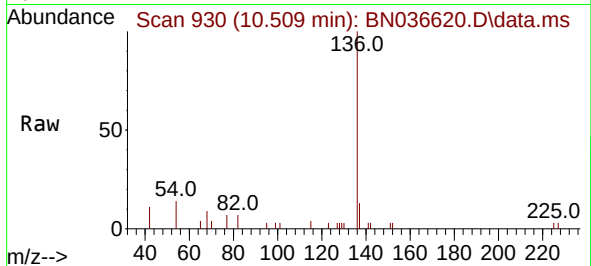




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN036620.D
Acq: 14 Mar 2025 23:30

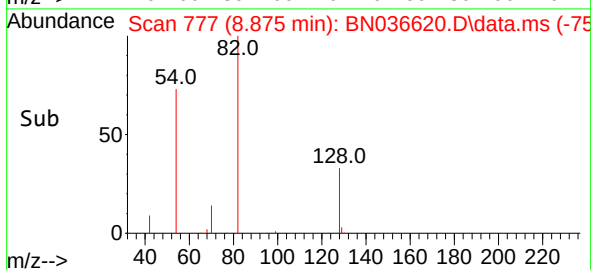
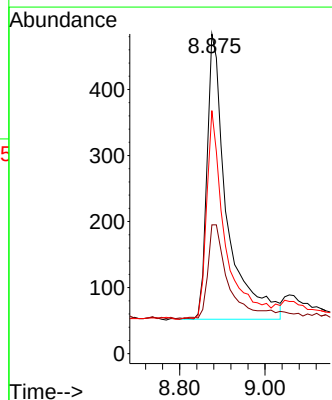
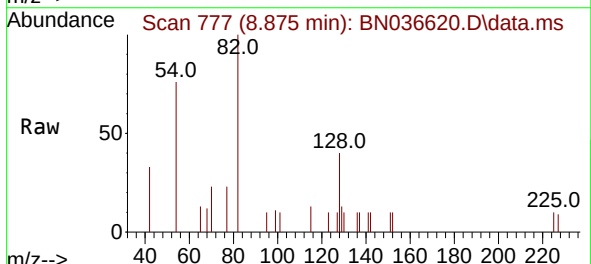
Instrument :
BNA_N
ClientSampleId :
RE120D3-20250312

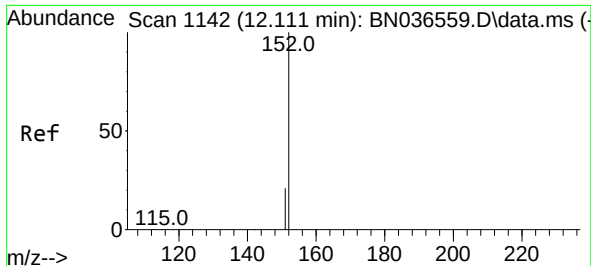
Tgt Ion:	136	Resp:	4089
Ion	Ratio	Lower	Upper
136	100		
137	13.0	10.3	15.5
54	14.0	11.5	17.3
68	8.6	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.314 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN036620.D
Acq: 14 Mar 2025 23:30

Tgt Ion:	82	Resp:	1395
Ion	Ratio	Lower	Upper
82	100		
128	40.3	30.6	45.8
54	76.0	52.2	78.4

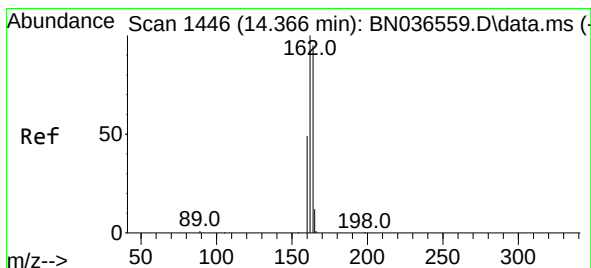
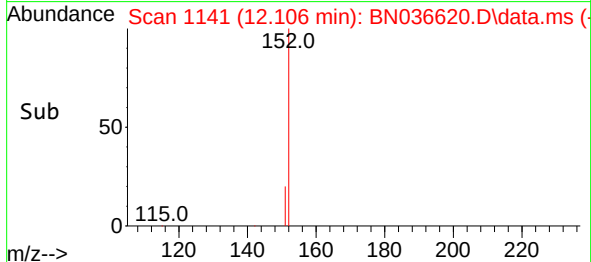
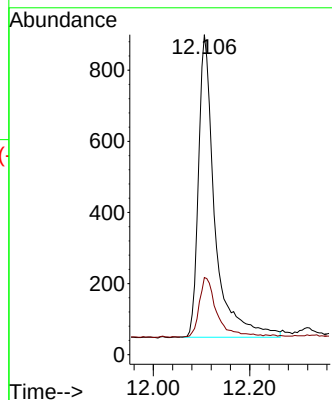
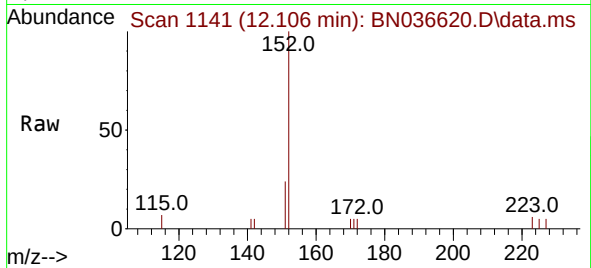




#11
2-Methylnaphthalene-d10
Concen: 0.329 ng
RT: 12.106 min Scan# 1141
Delta R.T. -0.005 min
Lab File: BN036620.D
Acq: 14 Mar 2025 23:30

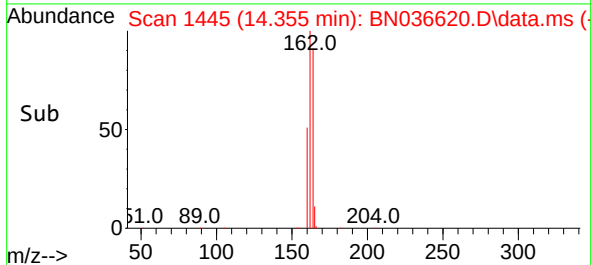
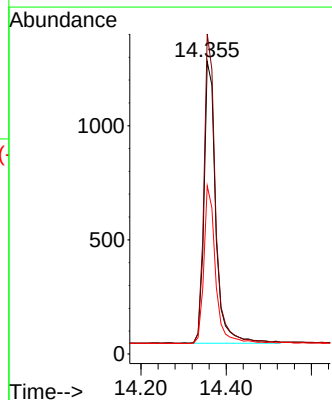
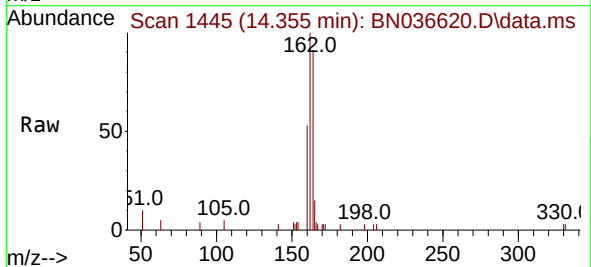
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RE120D3-20250312

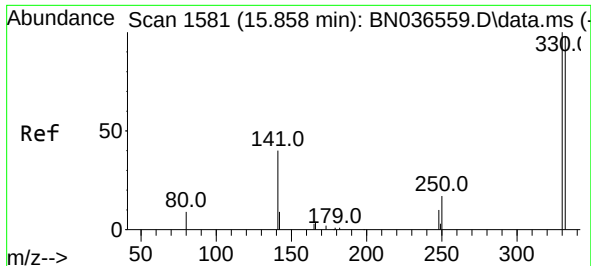
Tgt Ion:152 Resp: 2002
Ion Ratio Lower Upper
152 100
151 21.5 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 1445
Delta R.T. -0.011 min
Lab File: BN036620.D
Acq: 14 Mar 2025 23:30

Tgt Ion:164 Resp: 2366
Ion Ratio Lower Upper
164 100
162 109.4 84.2 126.2
160 57.5 42.2 63.2

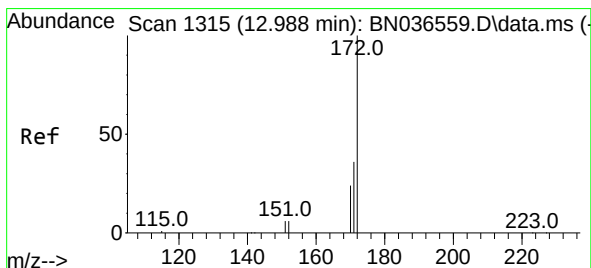
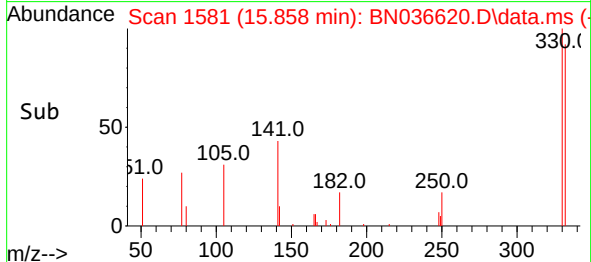
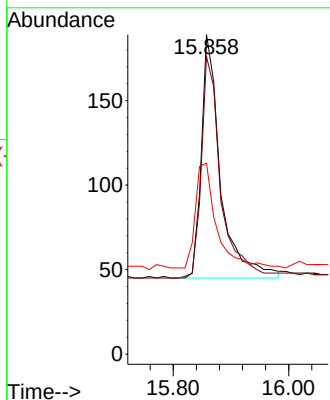
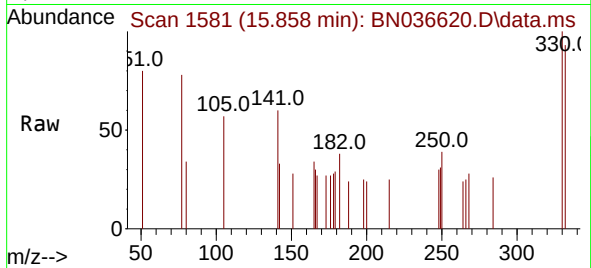




#14
2,4,6-Tribromophenol
Concen: 0.311 ng
RT: 15.858 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BN036620.D
Acq: 14 Mar 2025 23:30

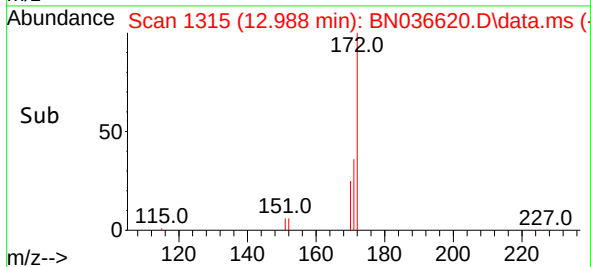
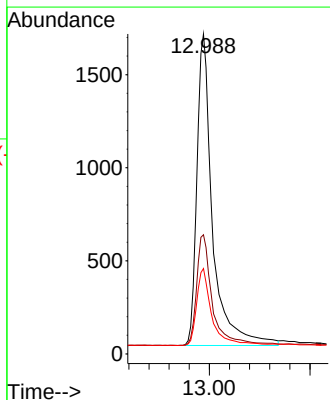
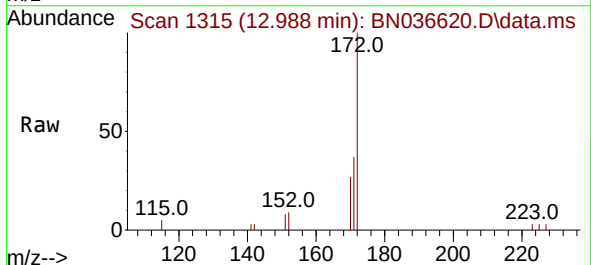
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RE120D3-20250312

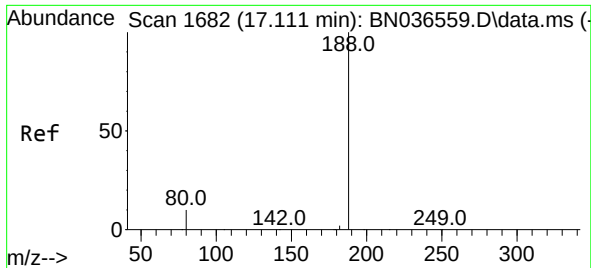
Tgt Ion:	330	Resp:	334
Ion Ratio	Lower	Upper	
330	100		
332	91.3	75.2	112.8
141	48.8	43.4	65.2



#15
2-Fluorobiphenyl
Concen: 0.350 ng
RT: 12.988 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BN036620.D
Acq: 14 Mar 2025 23:30

Tgt Ion:	172	Resp:	4824
Ion Ratio	Lower	Upper	
172	100		
171	37.2	29.5	44.3
170	26.7	20.2	30.4

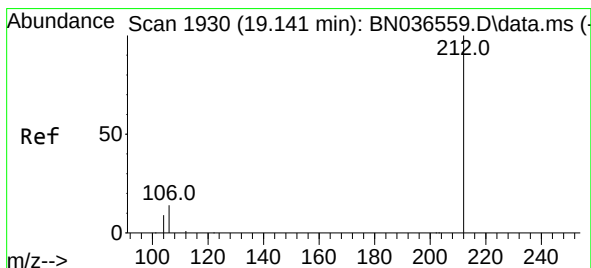
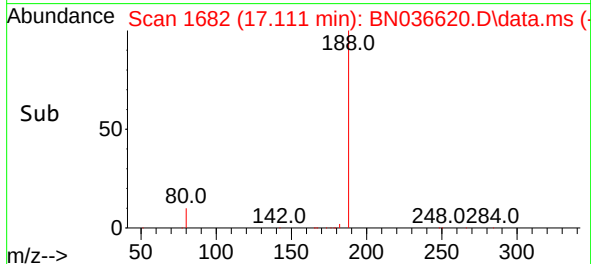
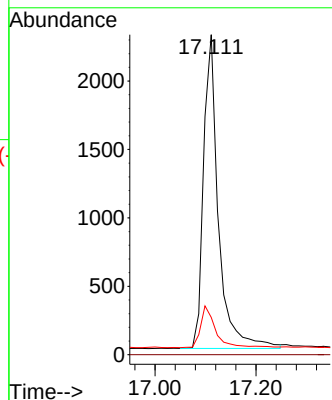
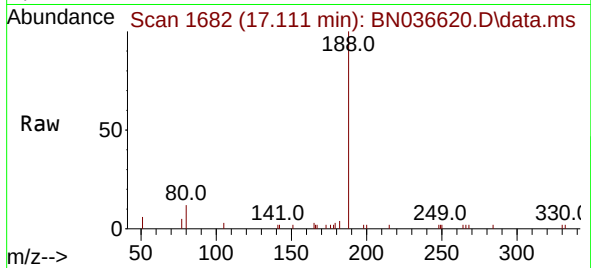




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.111 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN036620.D
Acq: 14 Mar 2025 23:30

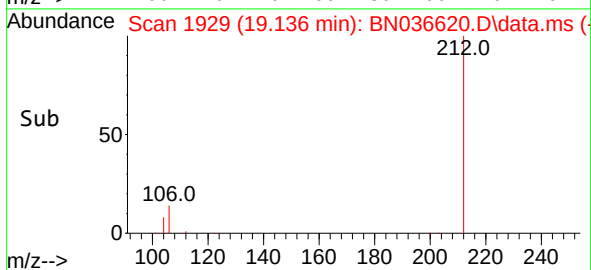
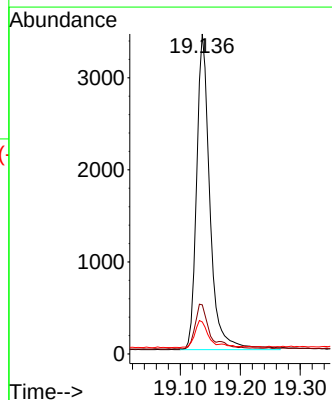
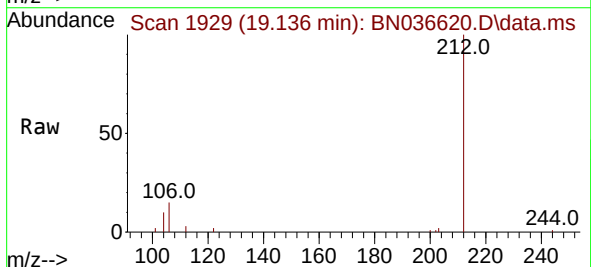
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BNA_N
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RE120D3-20250312

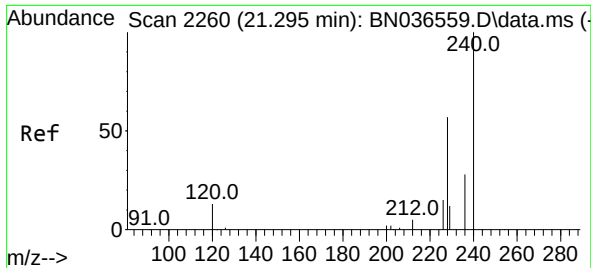
Tgt Ion:188 Resp: 4711
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.7 8.8 13.2



#27
Fluoranthene-d10
Concen: 0.437 ng
RT: 19.136 min Scan# 1929
Delta R.T. -0.005 min
Lab File: BN036620.D
Acq: 14 Mar 2025 23:30

Tgt Ion:212 Resp: 5281
Ion Ratio Lower Upper
212 100
106 15.8 11.8 17.6
104 9.3 7.3 10.9

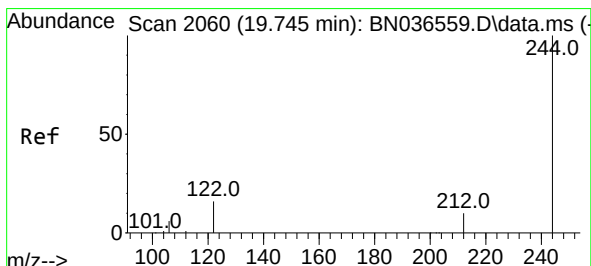
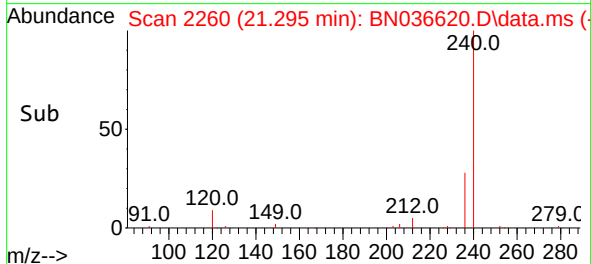
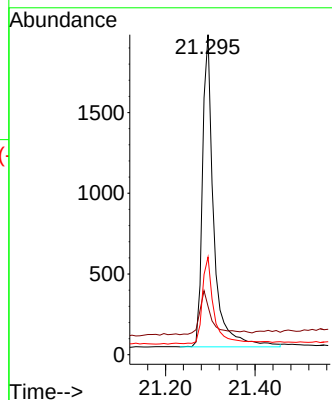
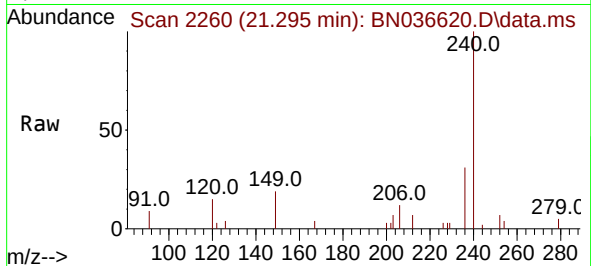




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN036620.D
Acq: 14 Mar 2025 23:30

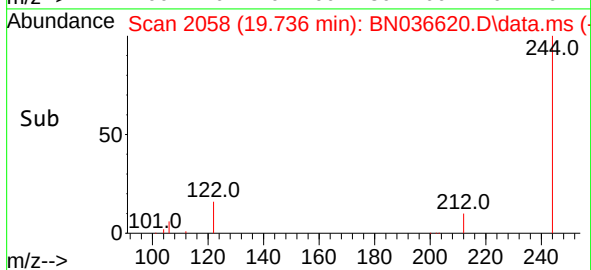
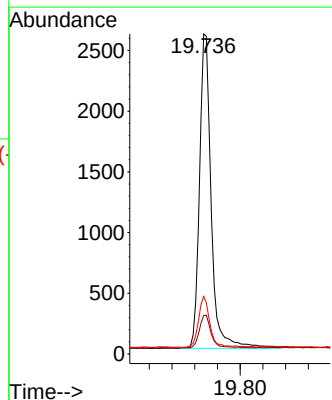
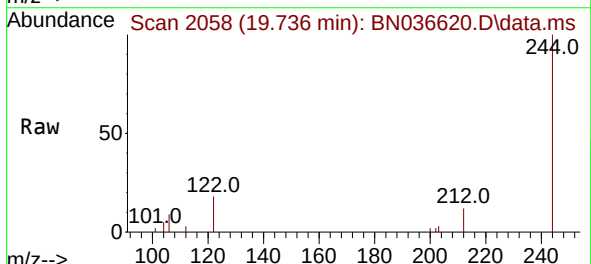
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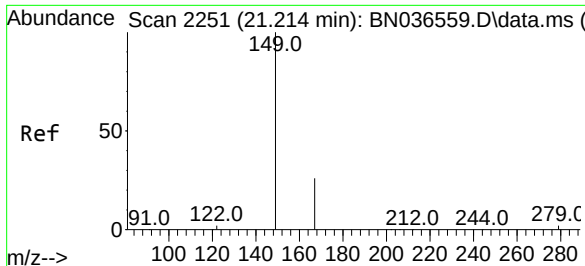
Tgt Ion:240 Resp: 3383
Ion Ratio Lower Upper
240 100
120 15.1 14.6 22.0
236 30.5 24.1 36.1



#31
Terphenyl-d14
Concen: 0.458 ng
RT: 19.736 min Scan# 2058
Delta R.T. -0.009 min
Lab File: BN036620.D
Acq: 14 Mar 2025 23:30

Tgt Ion:244 Resp: 3712
Ion Ratio Lower Upper
244 100
212 12.0 9.6 14.4
122 18.0 13.9 20.9

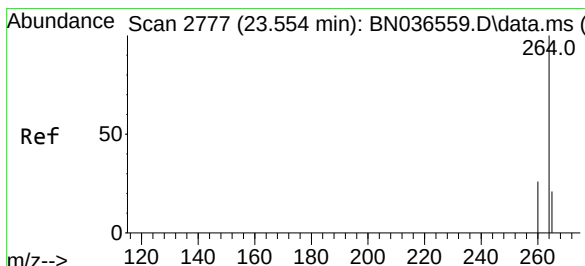
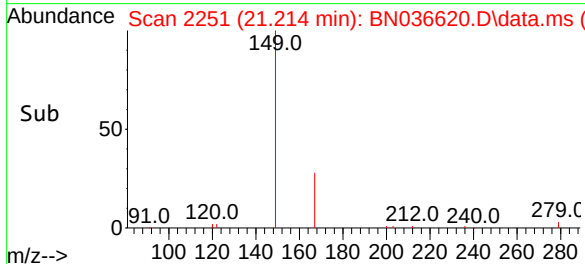
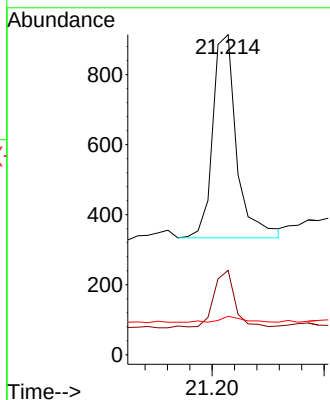
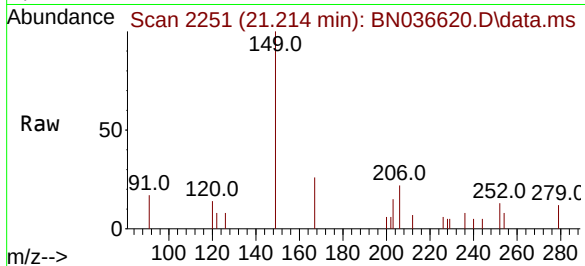




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.103 ng
 RT: 21.214 min Scan# 2125
 Delta R.T. 0.000 min
 Lab File: BN036620.D
 Acq: 14 Mar 2025 23:30

Instrument :
 BNA_N
 ClientSampleId :
 RE120D3-20250312

Tgt Ion:149 Resp: 860
 Ion Ratio Lower Upper
 149 100
 167 25.6 20.7 31.1
 279 2.9 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.546 min Scan# 2774
 Delta R.T. -0.009 min
 Lab File: BN036620.D
 Acq: 14 Mar 2025 23:30

Tgt Ion:264 Resp: 2708
 Ion Ratio Lower Upper
 264 100
 260 27.9 22.6 33.8
 265 112.6 88.1 132.1

