

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027166.D
 Acq On : 26 Aug 2023 22:44
 Operator : MA/JU
 Sample : 04095-19
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT172S1-20230818

Quant Time: Aug 26 23:19:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 26 02:13:59 2023
 Response via : Initial Calibration

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

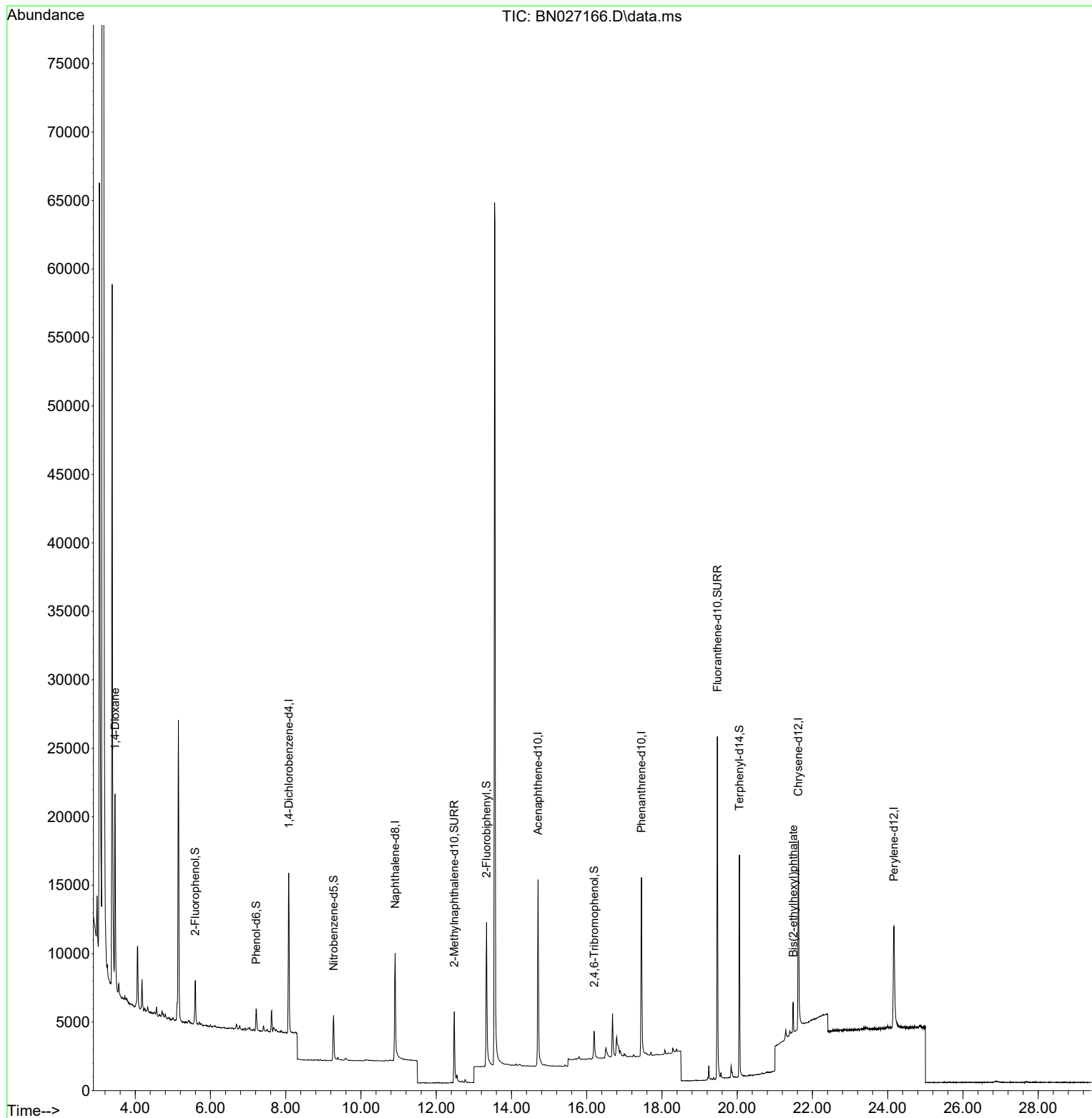
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.080	152	5822	0.400	ng	0.00
7) Naphthalene-d8	10.906	136	12865	0.400	ng	0.00
13) Acenaphthene-d10	14.705	164	8792	0.400	ng	0.00
19) Phenanthrene-d10	17.455	188	20399	0.400	ng	0.00
29) Chrysene-d12	21.623	240	16013	0.400	ng	# 0.00
35) Perylene-d12	24.165	264	14147	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.596	112	2688	0.164	ng	0.00
5) Phenol-d6	7.214	99	1738	0.086	ng	0.00
8) Nitrobenzene-d5	9.273	82	3207	0.295	ng	0.00
11) 2-Methylnaphthalene-d10	12.479	152	8445	0.413	ng	0.00
14) 2,4,6-Tribromophenol	16.202	330	1501	0.321	ng	0.00
15) 2-Fluorobiphenyl	13.336	172	10953	0.336	ng	0.00
27) Fluoranthene-d10	19.472	212	26711	0.511	ng	0.00
31) Terphenyl-d14	20.057	244	16373	0.489	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.465	88	10501	1.677	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.488	149	2401	0.058	ng	# 96

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

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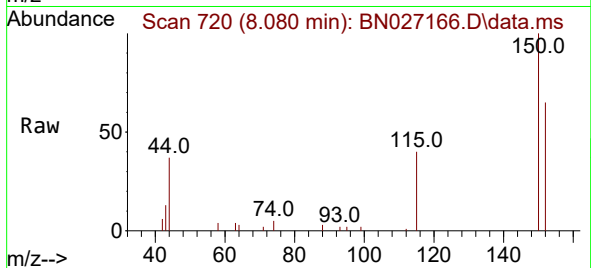
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
Response via : Initial Calibration



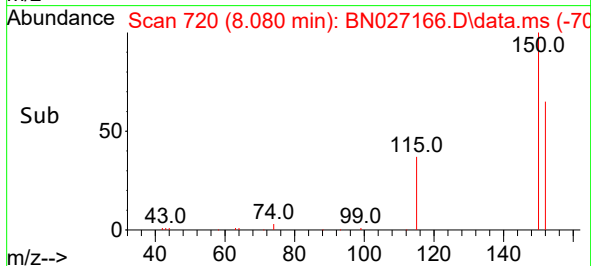
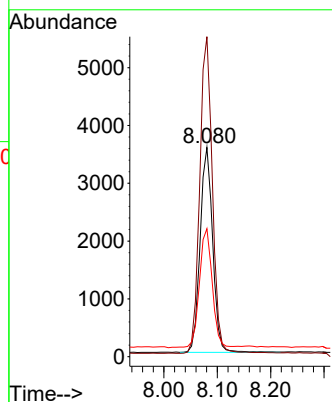


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.080 min Scan# 71
Delta R.T. -0.008 min
Lab File: BN027166.D
Acq: 26 Aug 2023 22:44

Instrument :
BNA_N
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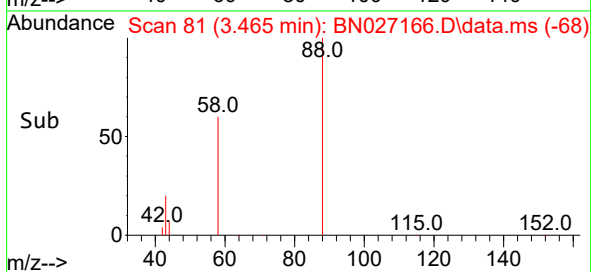
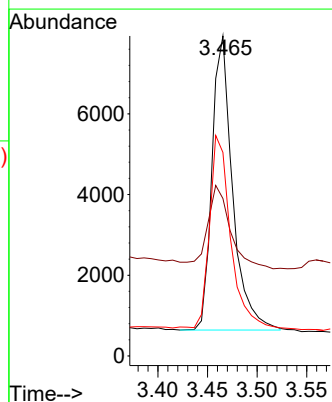
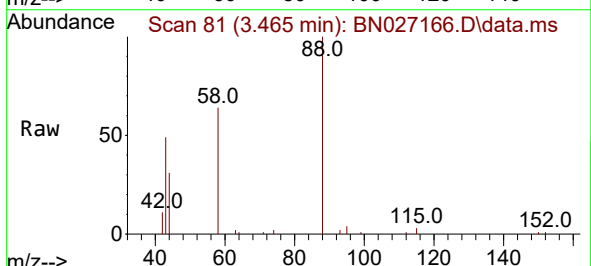


Tgt Ion:152 Resp: 5822
Ion Ratio Lower Upper
152 100
150 152.9 123.8 185.6
115 61.2 49.7 74.5



#2
1,4-Dioxane
Concen: 1.677 ng
RT: 3.465 min Scan# 81
Delta R.T. -0.007 min
Lab File: BN027166.D
Acq: 26 Aug 2023 22:44

Tgt Ion: 88 Resp: 10501
Ion Ratio Lower Upper
88 100
43 32.0 19.2 28.8#
58 66.1 54.5 81.7

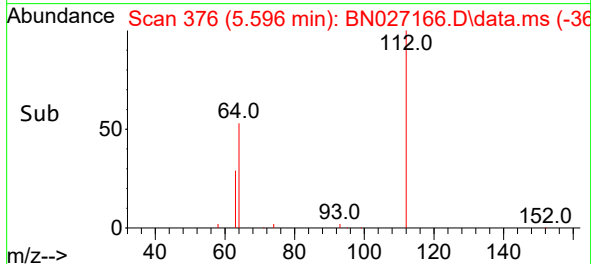
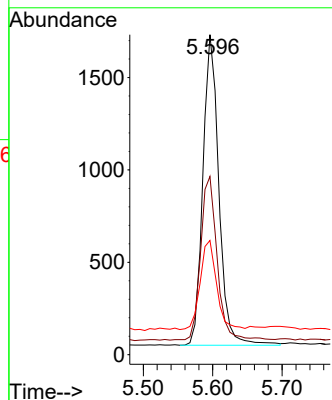
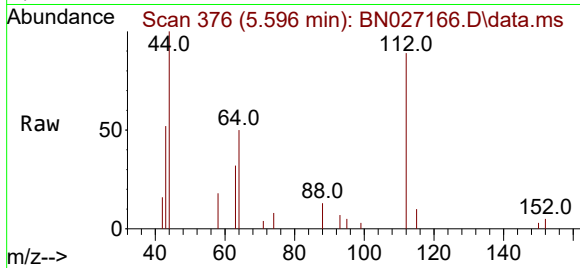




#4
2-Fluorophenol
Concen: 0.164 ng
RT: 5.596 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN027166.D
Acq: 26 Aug 2023 22:44

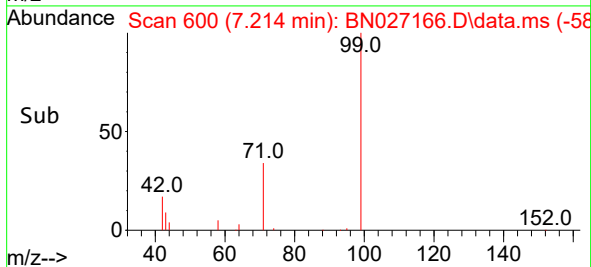
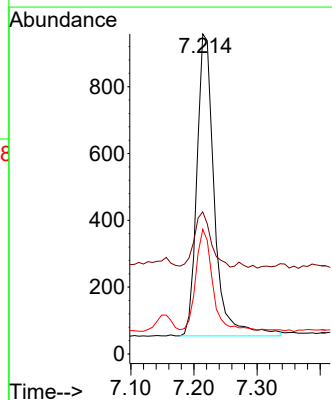
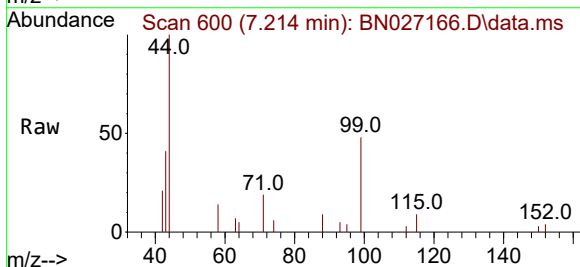
Instrument :
BNA_N
ClientSampleId :
TT172S1-20230818

Tgt Ion:112 Resp: 2688
Ion Ratio Lower Upper
112 100
64 54.4 41.5 62.3
63 29.3 21.7 32.5



#5
Phenol-d6
Concen: 0.086 ng
RT: 7.214 min Scan# 600
Delta R.T. -0.007 min
Lab File: BN027166.D
Acq: 26 Aug 2023 22:44

Tgt Ion: 99 Resp: 1738
Ion Ratio Lower Upper
99 100
42 17.2 13.6 20.4
71 31.3 26.0 39.0

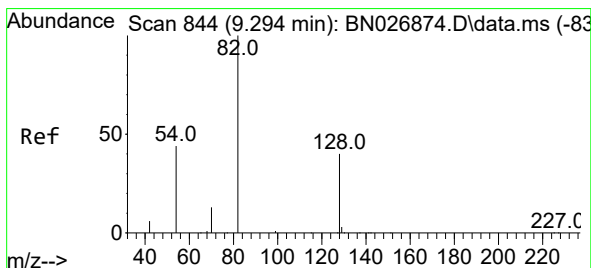
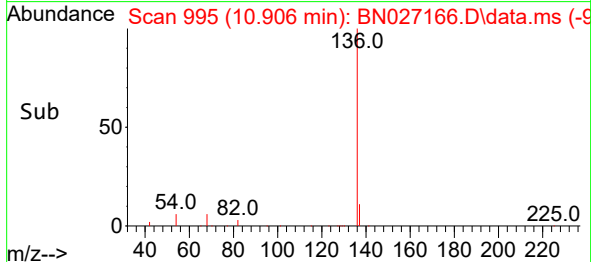
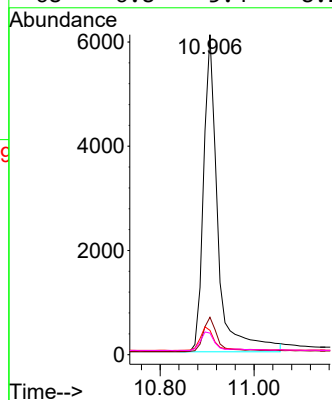
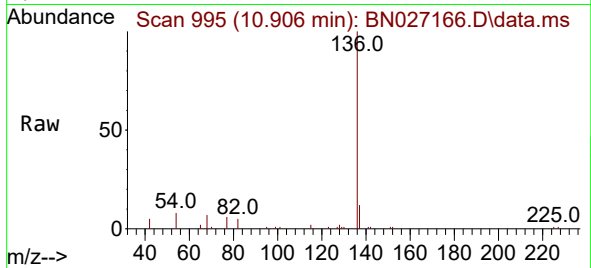




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.906 min Scan# 998
Delta R.T. 0.000 min
Lab File: BN027166.D
Acq: 26 Aug 2023 22:44

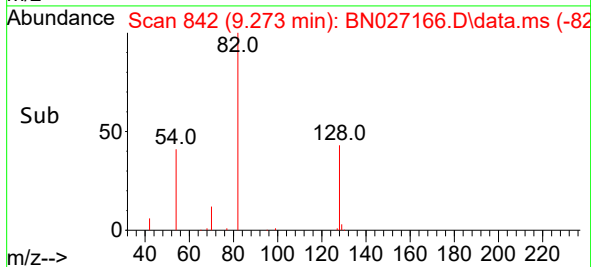
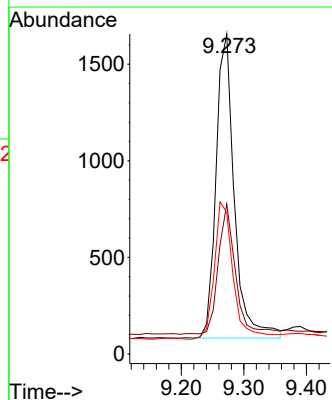
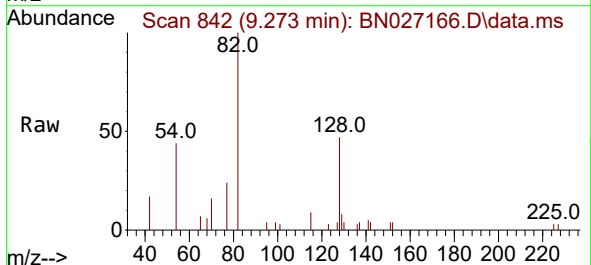
Instrument :
BNA_N
ClientSampleId :
TT172S1-20230818

Tgt Ion:	136	Resp:	12865
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.6
54	7.6	5.5	8.3
68	6.8	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.295 ng
RT: 9.273 min Scan# 842
Delta R.T. 0.000 min
Lab File: BN027166.D
Acq: 26 Aug 2023 22:44

Tgt Ion:	82	Resp:	3207
Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.1	51.1
54	44.2	37.0	55.4

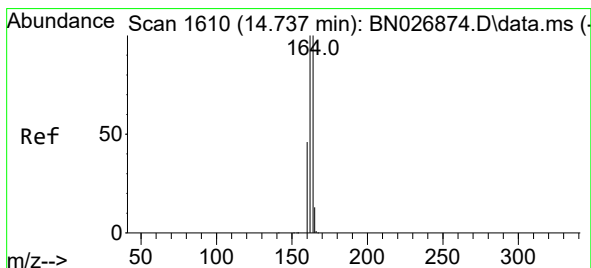
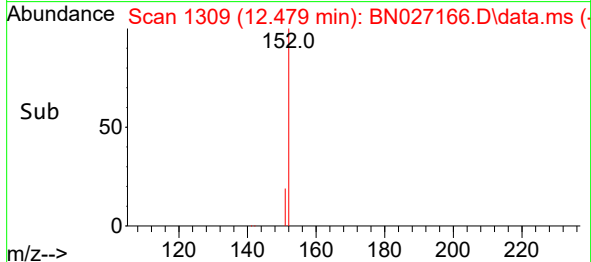
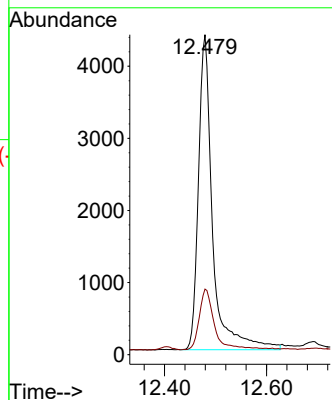
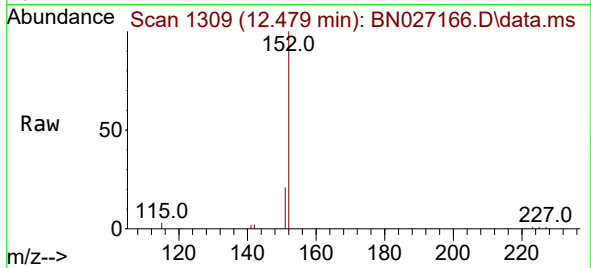




#11
2-Methylnaphthalene-d10
Concen: 0.413 ng
RT: 12.479 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027166.D
Acq: 26 Aug 2023 22:44

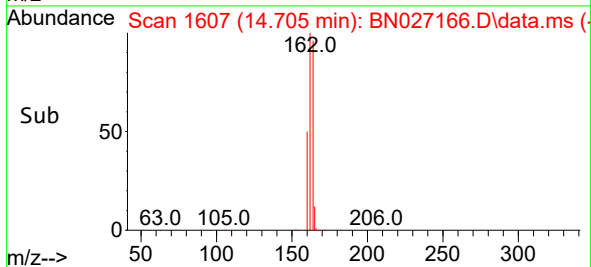
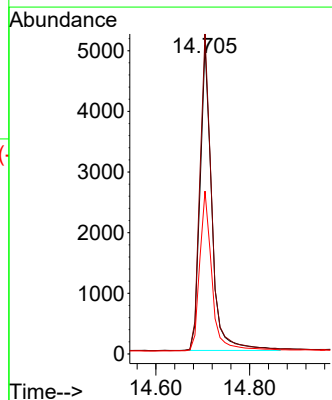
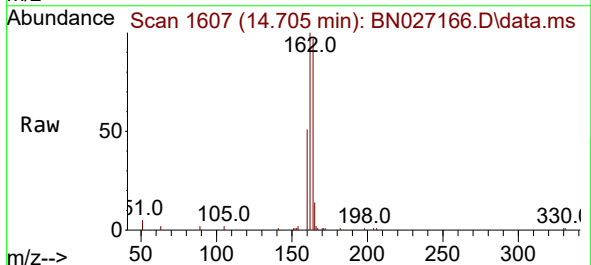
Instrument :
BNA_N
ClientSampleId :
TT172S1-20230818

Tgt Ion:152 Resp: 8445
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.705 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BN027166.D
Acq: 26 Aug 2023 22:44

Tgt Ion:164 Resp: 8792
Ion Ratio Lower Upper
164 100
162 103.6 79.7 119.5
160 52.7 37.4 56.0

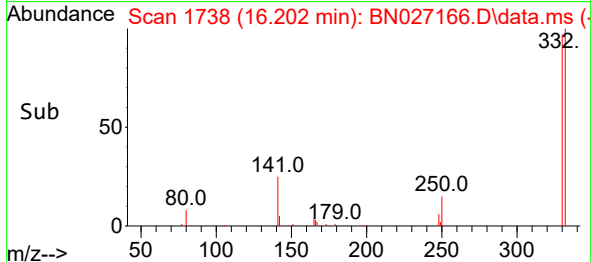
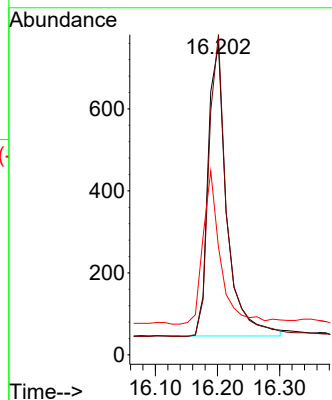
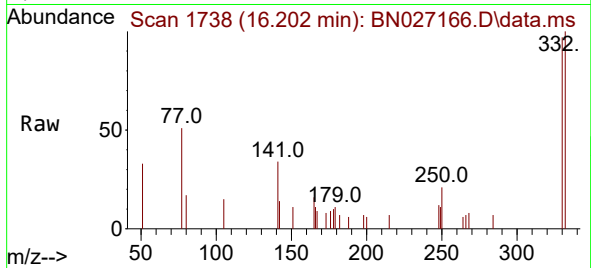




#14
2,4,6-Tribromophenol
Concen: 0.321 ng
RT: 16.202 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027166.D
Acq: 26 Aug 2023 22:44

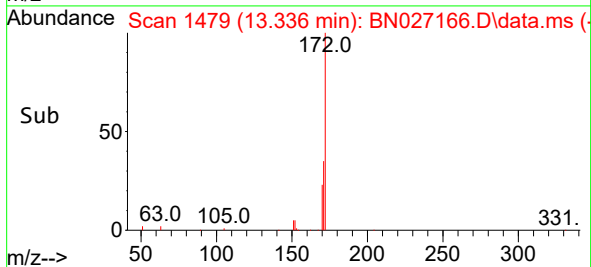
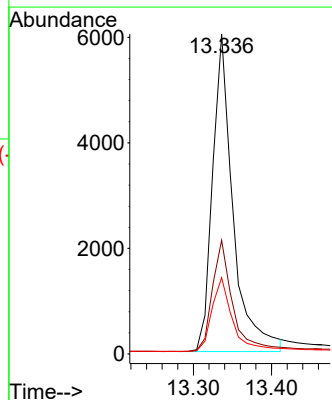
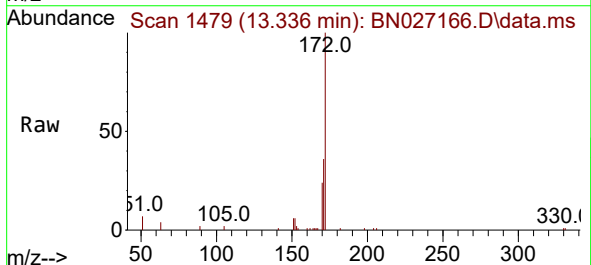
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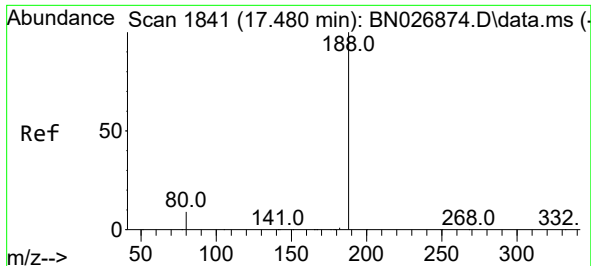
Tgt Ion:330 Resp: 1501
Ion Ratio Lower Upper
330 100
332 99.0 76.6 114.8
141 49.6 32.3 48.5#



#15
2-Fluorobiphenyl
Concen: 0.336 ng
RT: 13.336 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BN027166.D
Acq: 26 Aug 2023 22:44

Tgt Ion:172 Resp: 10953
Ion Ratio Lower Upper
172 100
171 35.5 27.4 41.0
170 23.8 18.0 27.0

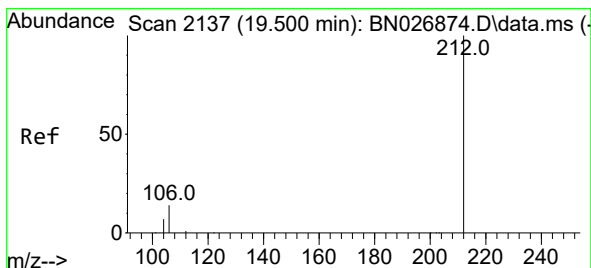
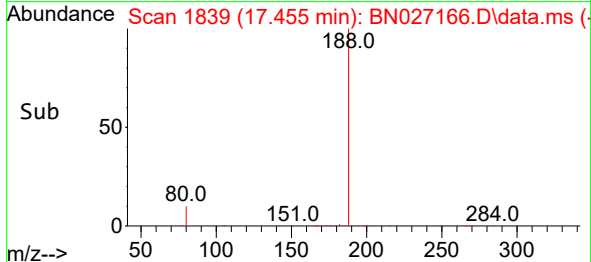
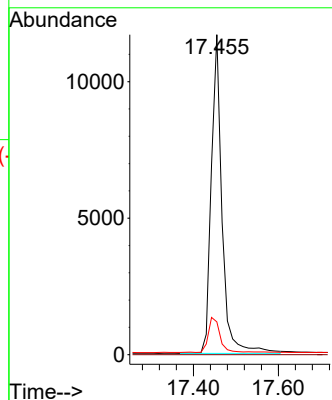
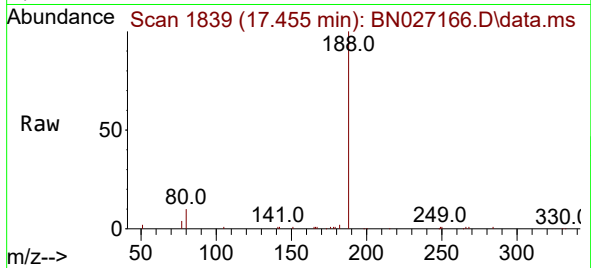




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.455 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BN027166.D
Acq: 26 Aug 2023 22:44

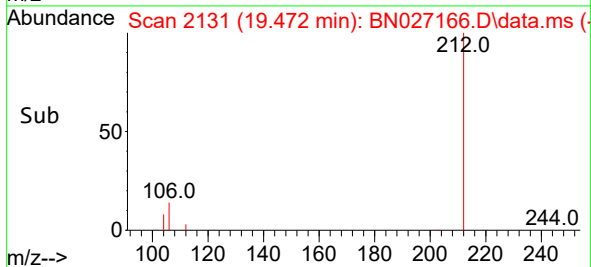
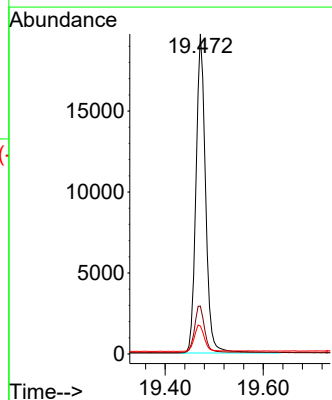
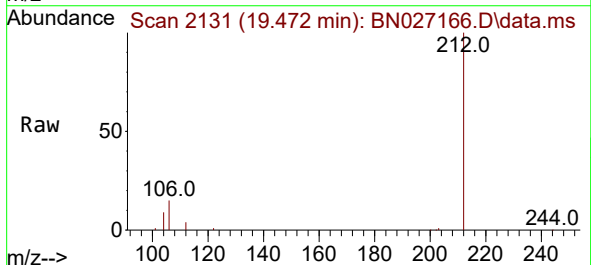
Instrument :
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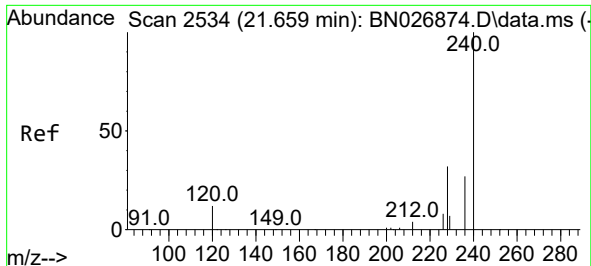
Tgt Ion:188 Resp: 20399
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.2 7.4 11.2



#27
Fluoranthene-d10
Concen: 0.511 ng
RT: 19.472 min Scan# 2131
Delta R.T. -0.005 min
Lab File: BN027166.D
Acq: 26 Aug 2023 22:44

Tgt Ion:212 Resp: 26711
Ion Ratio Lower Upper
212 100
106 15.5 10.9 16.3
104 8.6 5.9 8.9

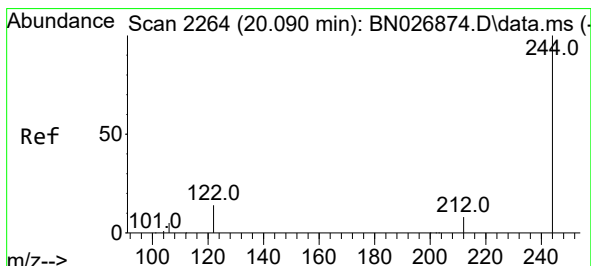
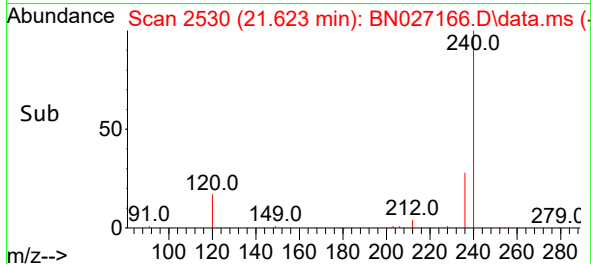
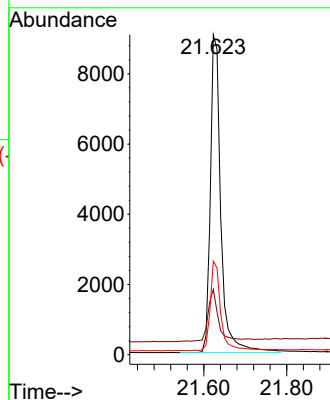
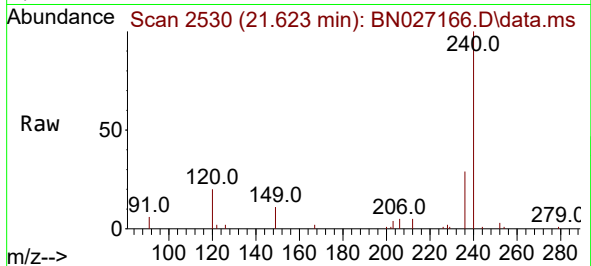




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.623 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN027166.D
Acq: 26 Aug 2023 22:44

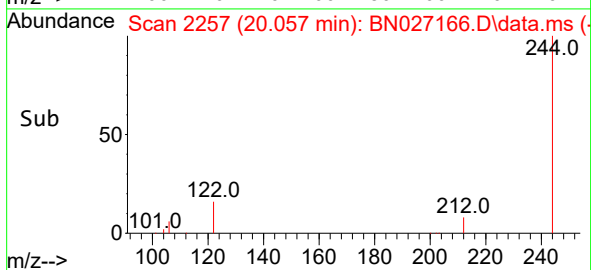
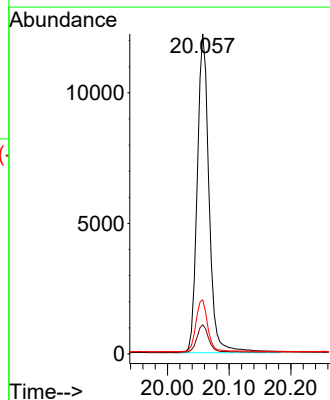
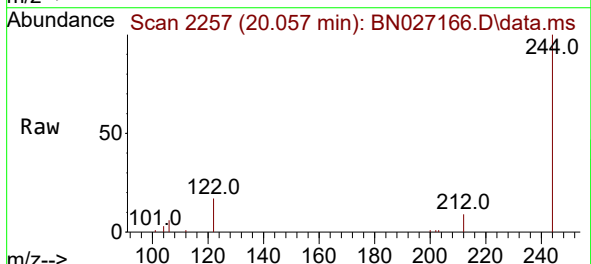
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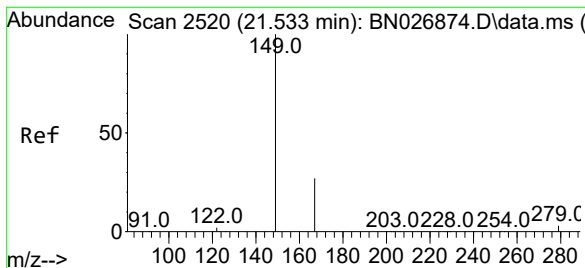
Tgt Ion:240 Resp: 16013
Ion Ratio Lower Upper
240 100
120 20.4 11.1 16.7#
236 29.2 22.2 33.2



#31
Terphenyl-d14
Concen: 0.489 ng
RT: 20.057 min Scan# 2257
Delta R.T. -0.005 min
Lab File: BN027166.D
Acq: 26 Aug 2023 22:44

Tgt Ion:244 Resp: 16373
Ion Ratio Lower Upper
244 100
212 9.1 6.9 10.3
122 16.9 11.9 17.9

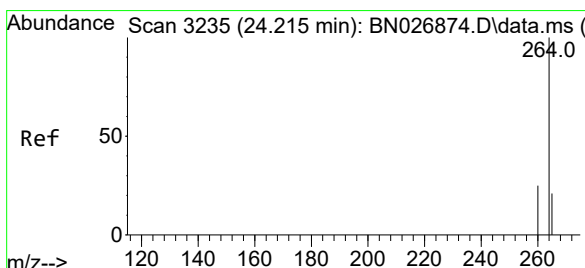
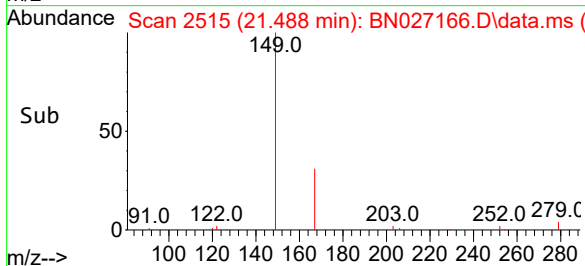
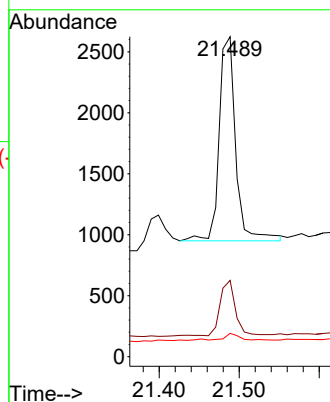
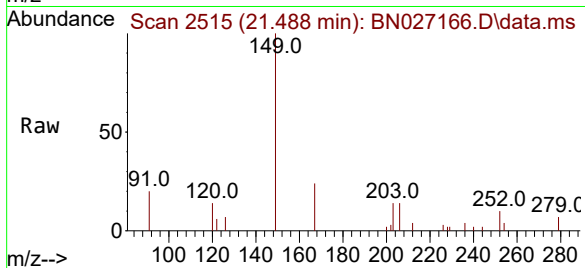




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.058 ng
 RT: 21.488 min Scan# 2149
 Delta R.T. -0.009 min
 Lab File: BN027166.D
 Acq: 26 Aug 2023 22:44

Instrument :
 BNA_N
 ClientSampleId :
 TT172S1-20230818

Tgt Ion:149 Resp: 2401
 Ion Ratio Lower Upper
 149 100
 167 24.6 21.4 32.0
 279 3.0 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.165 min Scan# 3218
 Delta R.T. -0.006 min
 Lab File: BN027166.D
 Acq: 26 Aug 2023 22:44

Tgt Ion:264 Resp: 14147
 Ion Ratio Lower Upper
 264 100
 260 26.3 20.4 30.6
 265 75.0 27.0 40.6#

