

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027170.D
 Acq On : 27 Aug 2023 01:13
 Operator : MA/JU
 Sample : 04051-19
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D3-20230816

Quant Time: Aug 27 01:53:50 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)

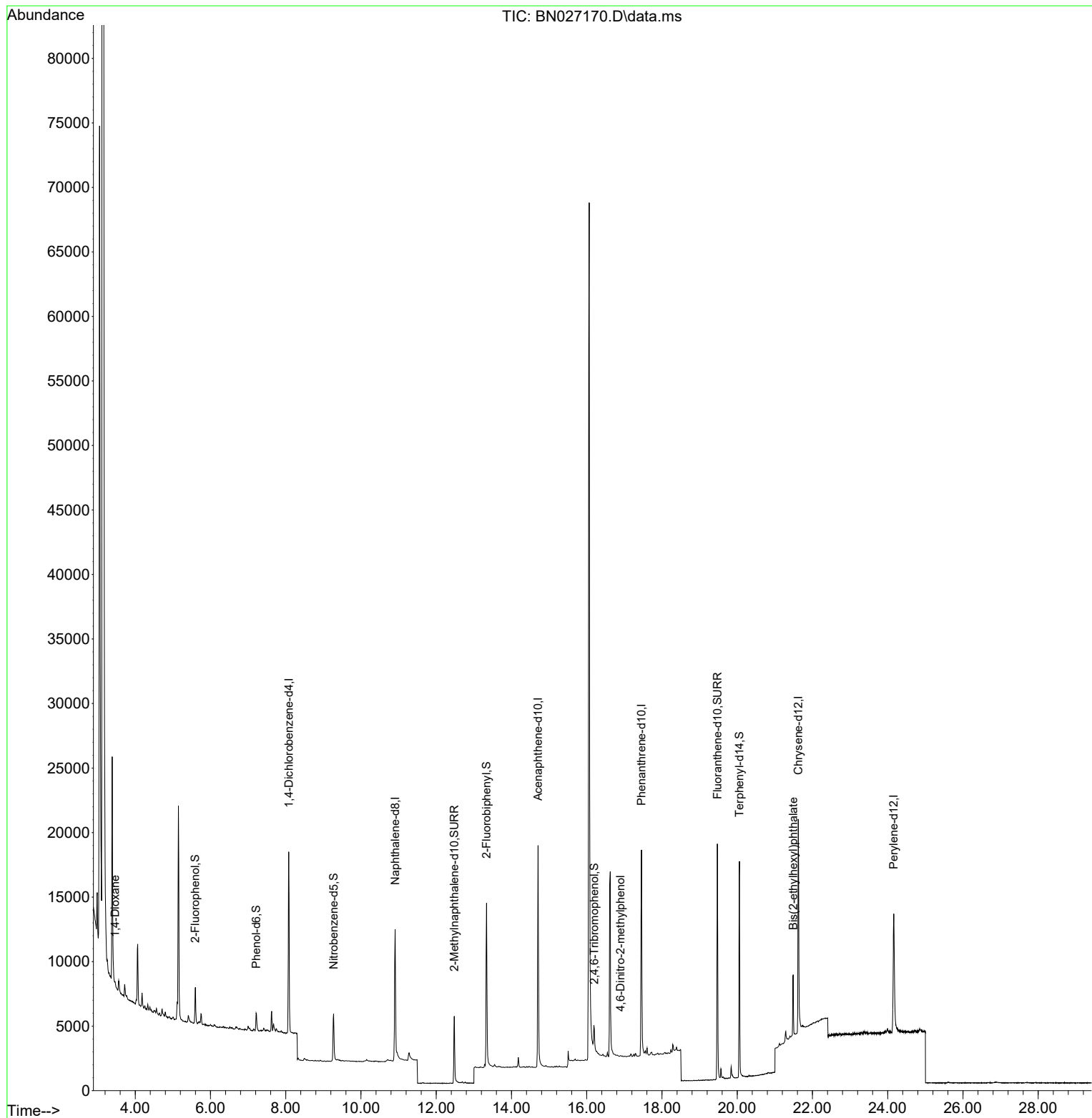
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	6960	0.400	ng	0.00
7) Naphthalene-d8	10.906	136	16078	0.400	ng	0.00
13) Acenaphthene-d10	14.705	164	10349	0.400	ng	0.00
19) Phenanthrene-d10	17.455	188	23544	0.400	ng	0.00
29) Chrysene-d12	21.623	240	17975	0.400	ng	# 0.00
35) Perylene-d12	24.159	264	16104	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.596	112	2289	0.117	ng	0.00
5) Phenol-d6	7.214	99	1477	0.061	ng	0.00
8) Nitrobenzene-d5	9.273	82	3520	0.259	ng	0.00
11) 2-Methylnaphthalene-d10	12.479	152	7915	0.310	ng	0.00
14) 2,4,6-Tribromophenol	16.202	330	1267	0.230	ng	0.00
15) 2-Fluorobiphenyl	13.336	172	12535	0.326	ng	0.00
27) Fluoranthene-d10	19.472	212	21066	0.349	ng	0.00
31) Terphenyl-d14	20.057	244	16533	0.440	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.466	88	301	0.040	ng	# 86
20) 4,6-Dinitro-2-methylph...	16.897	198	15	0.041	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.489	149	5288	0.113	ng	# 98

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

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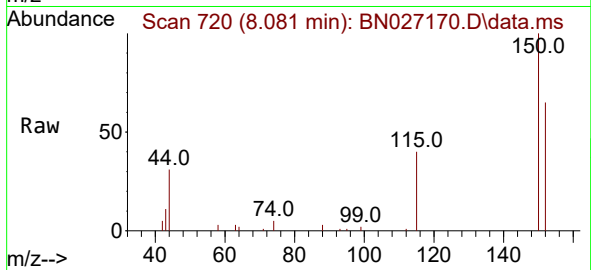
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
Response via : Initial Calibration



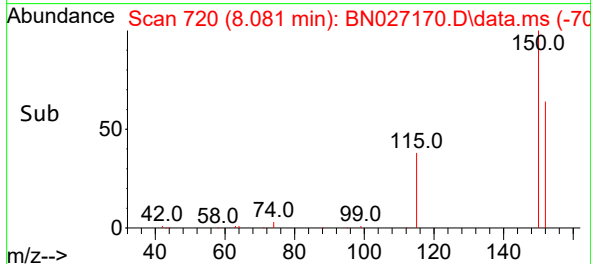
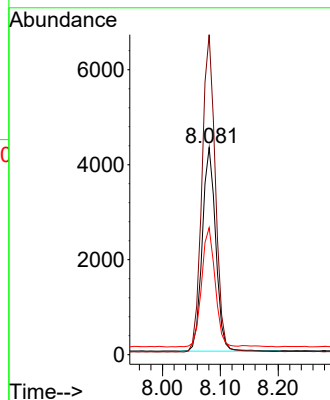


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.081 min Scan# 71
Delta R.T. -0.007 min
Lab File: BN027170.D
Acq: 27 Aug 2023 01:13

Instrument :
BNA_N
ClientSampleId :
RE120D3-20230816

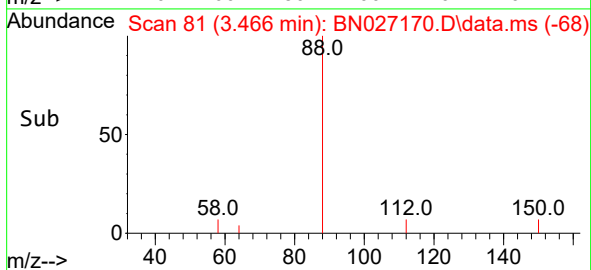
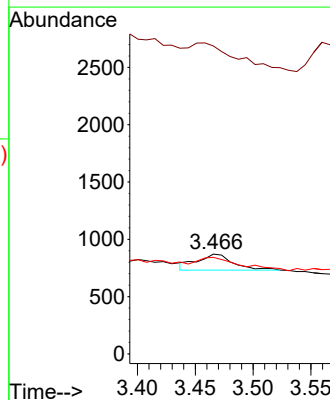
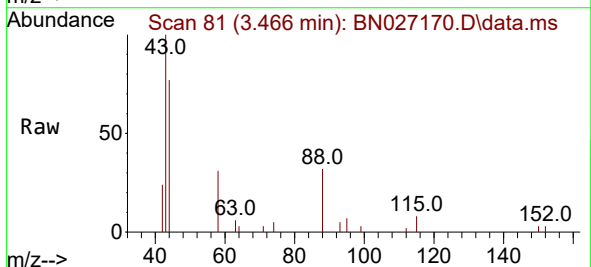


Tgt Ion:152 Resp: 6960
Ion Ratio Lower Upper
152 100
150 154.5 123.8 185.6
115 61.3 49.7 74.5



#2
1,4-Dioxane
Concen: 0.040 ng
RT: 3.466 min Scan# 81
Delta R.T. -0.007 min
Lab File: BN027170.D
Acq: 27 Aug 2023 01:13

Tgt Ion: 88 Resp: 301
Ion Ratio Lower Upper
88 100
43 0.0 19.2 28.8#
58 69.8 54.5 81.7

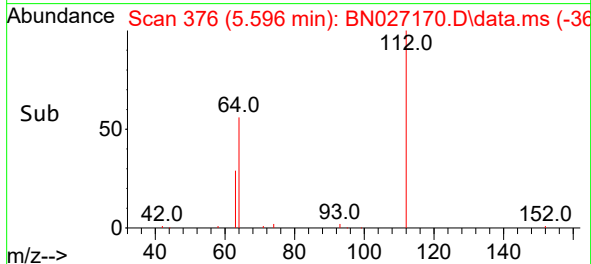
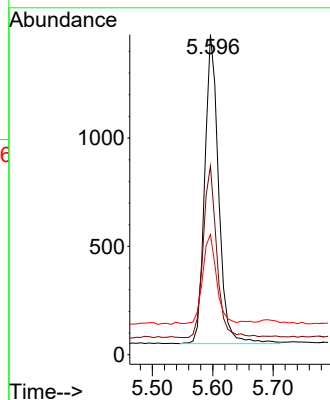
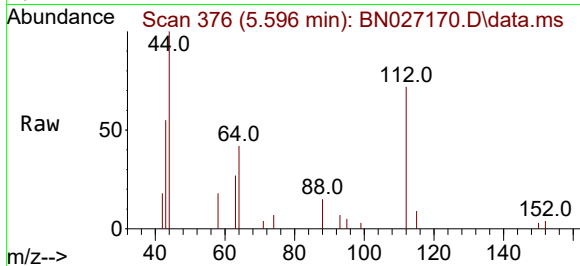




#4
2-Fluorophenol
Concen: 0.117 ng
RT: 5.596 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN027170.D
Acq: 27 Aug 2023 01:13

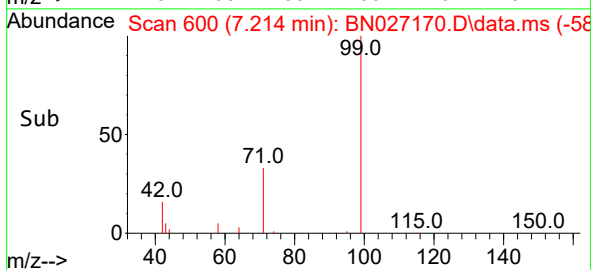
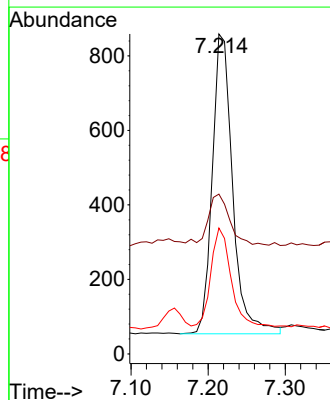
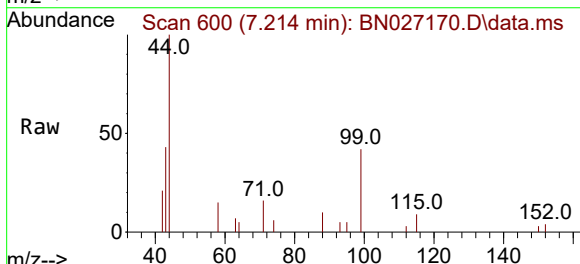
Instrument :
BNA_N
ClientSampleId :
RE120D3-20230816

Tgt Ion:112 Resp: 2289
Ion Ratio Lower Upper
112 100
64 54.3 41.5 62.3
63 28.4 21.7 32.5



#5
Phenol-d6
Concen: 0.061 ng
RT: 7.214 min Scan# 600
Delta R.T. -0.007 min
Lab File: BN027170.D
Acq: 27 Aug 2023 01:13

Tgt Ion: 99 Resp: 1477
Ion Ratio Lower Upper
99 100
42 17.9 13.6 20.4
71 31.8 26.0 39.0

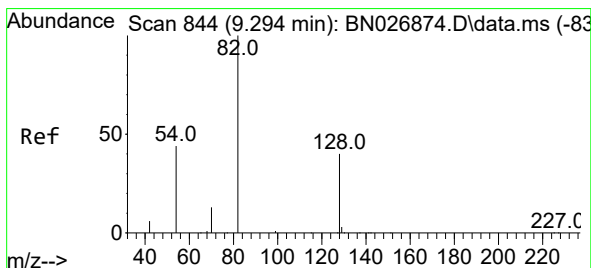
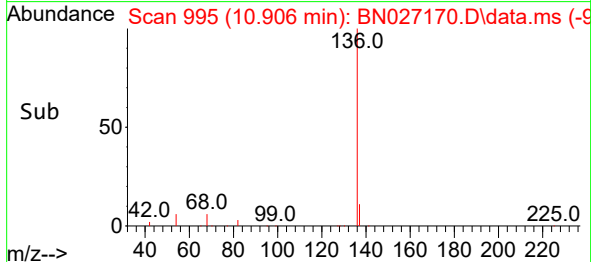
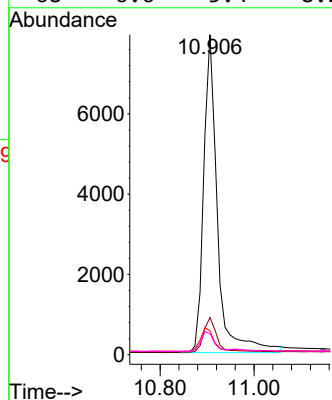
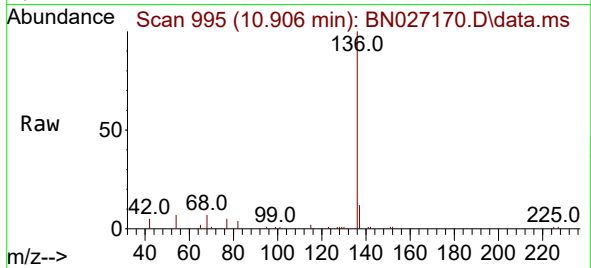




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.906 min Scan# 998
Delta R.T. 0.000 min
Lab File: BN027170.D
Acq: 27 Aug 2023 01:13

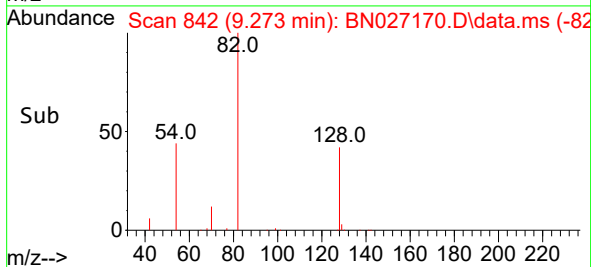
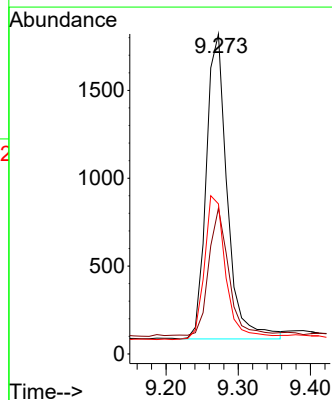
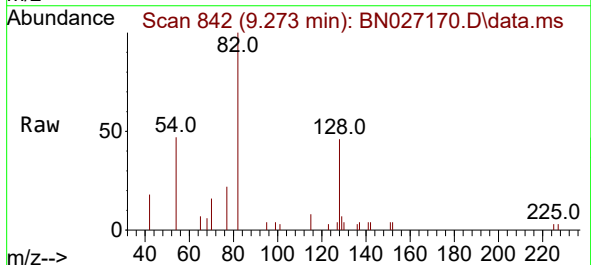
Instrument :
BNA_N
ClientSampleId :
RE120D3-20230816

Tgt Ion:	136	Resp:	16078
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.0	13.6
54	7.4	5.5	8.3
68	6.6	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.259 ng
RT: 9.273 min Scan# 842
Delta R.T. 0.000 min
Lab File: BN027170.D
Acq: 27 Aug 2023 01:13

Tgt Ion:	82	Resp:	3520
Ion Ratio	Lower	Upper	
82	100		
128	45.5	34.1	51.1
54	46.9	37.0	55.4

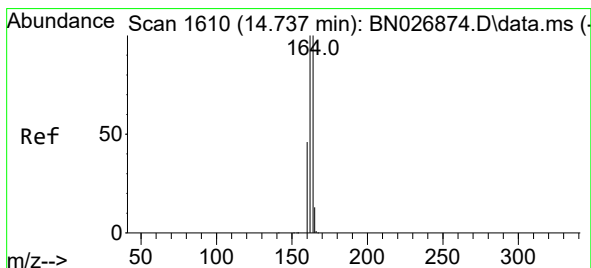
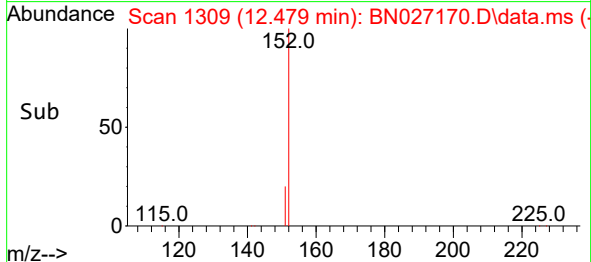
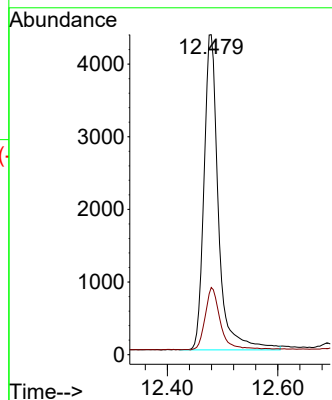
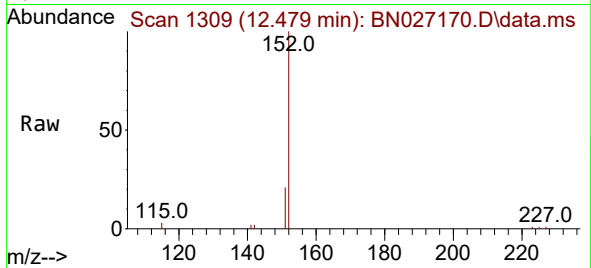




#11
2-Methylnaphthalene-d10
Concen: 0.310 ng
RT: 12.479 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027170.D
Acq: 27 Aug 2023 01:13

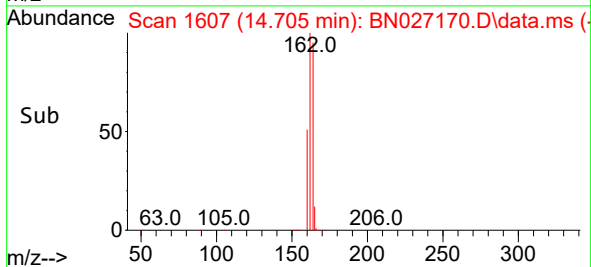
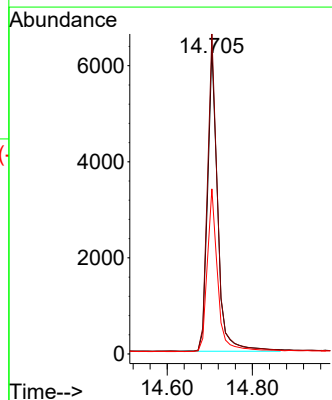
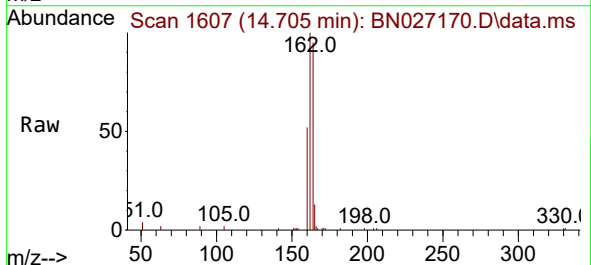
Instrument :
BNA_N
ClientSampleId :
RE120D3-20230816

Tgt Ion:152 Resp: 7915
Ion Ratio Lower Upper
152 100
151 20.8 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: BN027170.D
Acq: 27 Aug 2023 01:13

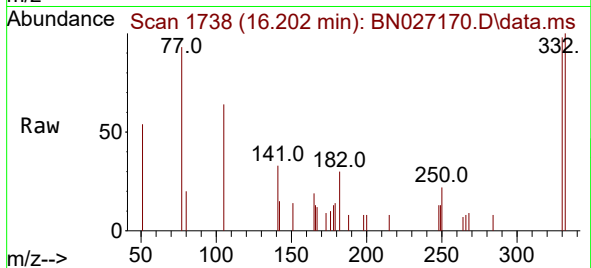
Tgt Ion:164 Resp: 10349
Ion Ratio Lower Upper
164 100
162 104.8 79.7 119.5
160 54.1 37.4 56.0



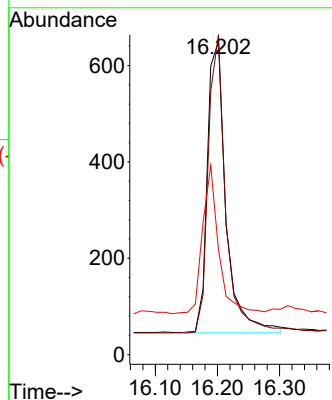
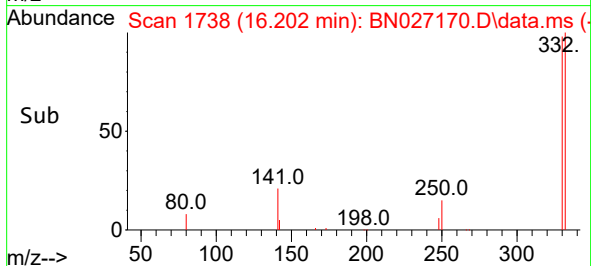


#14
2,4,6-Tribromophenol
Concen: 0.230 ng
RT: 16.202 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027170.D
Acq: 27 Aug 2023 01:13

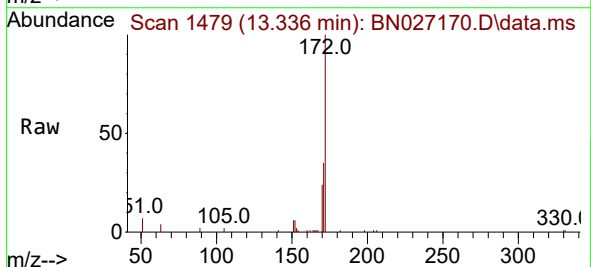
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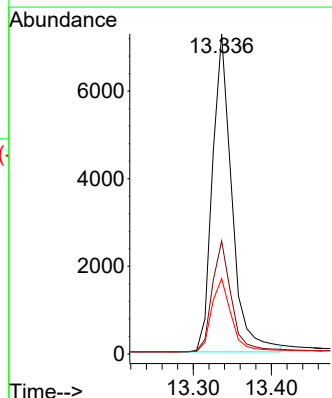
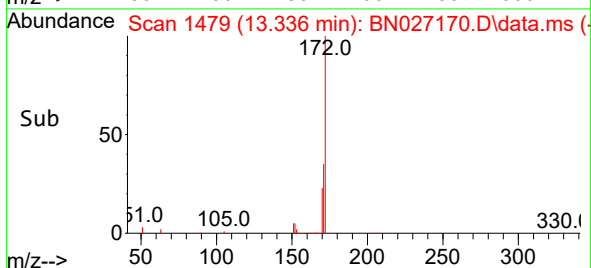
Tgt Ion:330 Resp: 1267
Ion Ratio Lower Upper
330 100
332 95.1 76.6 114.8
141 43.9 32.3 48.5

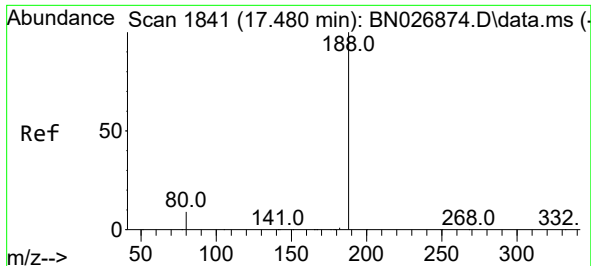


#15
2-Fluorobiphenyl
Concen: 0.326 ng
RT: 13.336 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BN027170.D
Acq: 27 Aug 2023 01:13



Tgt Ion:172 Resp: 12535
Ion Ratio Lower Upper
172 100
171 35.3 27.4 41.0
170 23.6 18.0 27.0

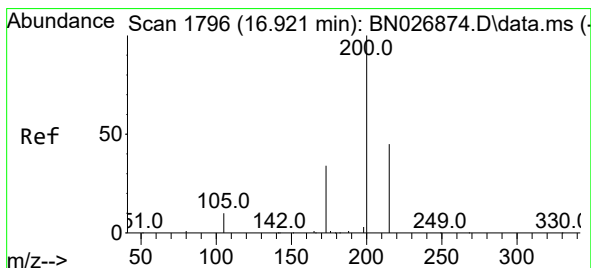
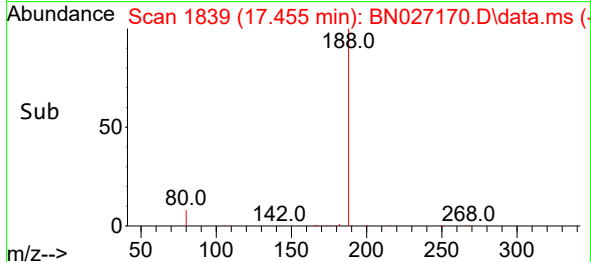
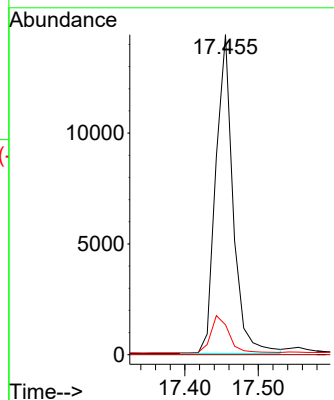
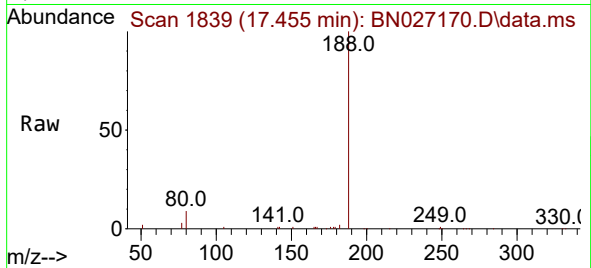




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.455 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BN027170.D
Acq: 27 Aug 2023 01:13

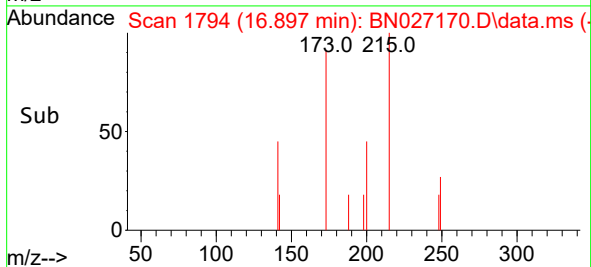
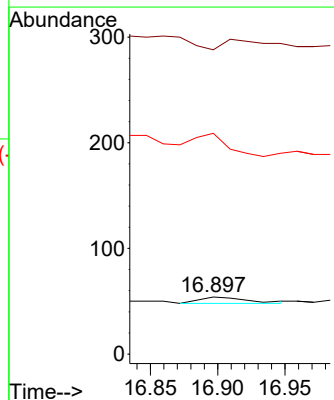
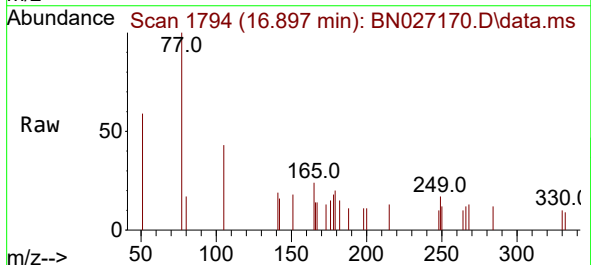
Instrument :
BNA_N
ClientSampleId :
RE120D3-20230816

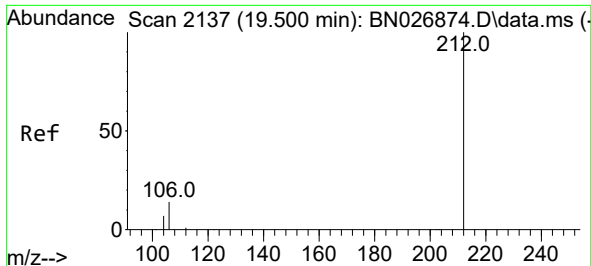
Tgt Ion:188 Resp: 23544
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 7.4 11.2



#20
4,6-Dinitro-2-methylphenol
Concen: 0.041 ng
RT: 16.897 min Scan# 1794
Delta R.T. -0.012 min
Lab File: BN027170.D
Acq: 27 Aug 2023 01:13

Tgt Ion:198 Resp: 15
Ion Ratio Lower Upper
198 100
51 533.3 143.8 215.8#
105 387.0 273.5 410.3

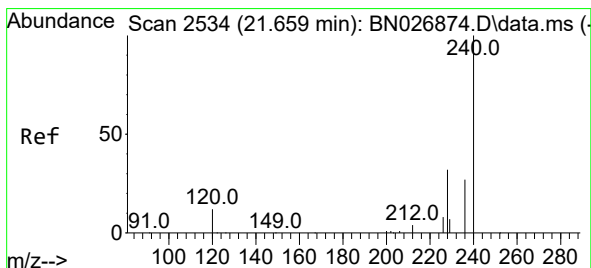
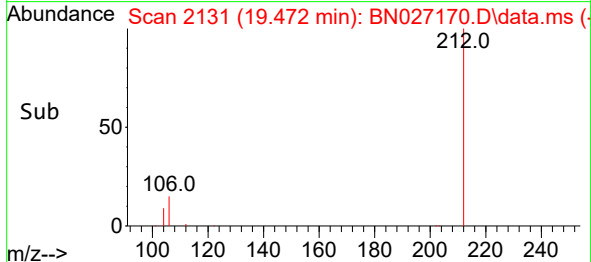
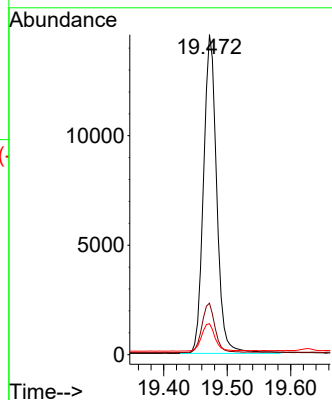
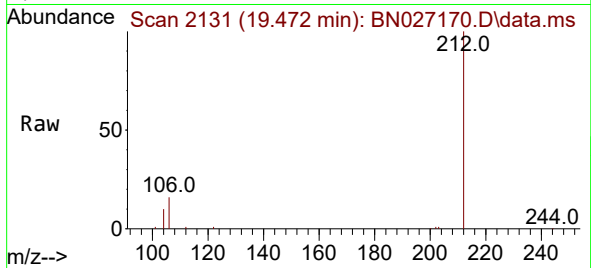




#27
Fluoranthene-d10
Concen: 0.349 ng
RT: 19.472 min Scan# 2137
Delta R.T. -0.005 min
Lab File: BN027170.D
Acq: 27 Aug 2023 01:13

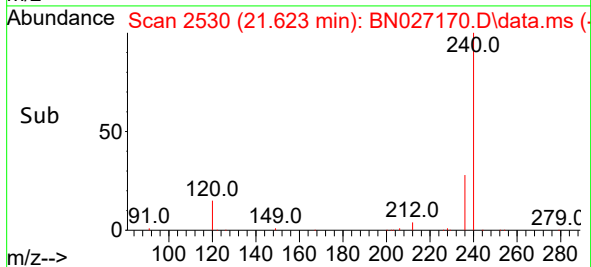
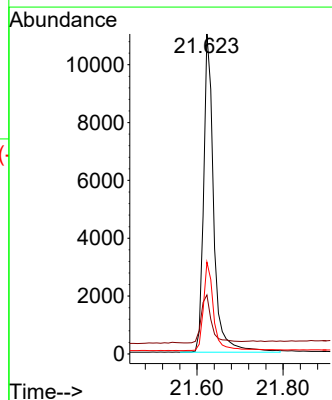
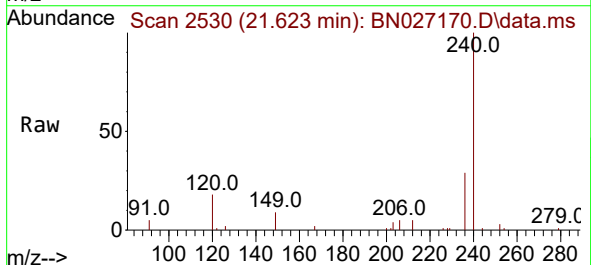
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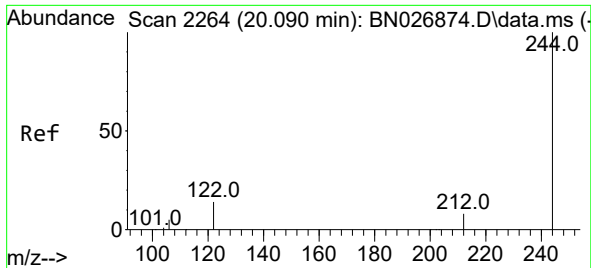
Tgt Ion:212 Resp: 21066
Ion Ratio Lower Upper
212 100
106 15.3 10.9 16.3
104 8.9 5.9 8.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.623 min Scan# 2530
Delta R.T. -0.009 min
Lab File: BN027170.D
Acq: 27 Aug 2023 01:13

Tgt Ion:240 Resp: 17975
Ion Ratio Lower Upper
240 100
120 18.4 11.1 16.7#
236 28.7 22.2 33.2

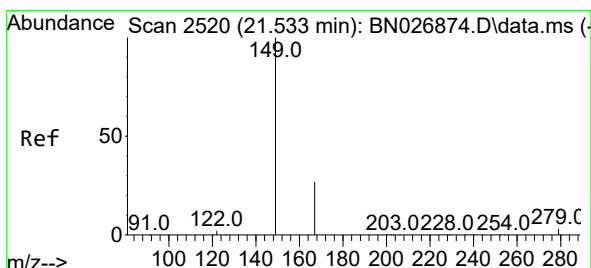
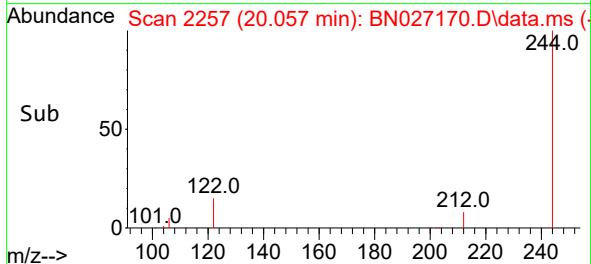
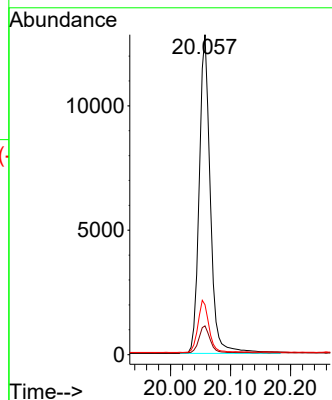
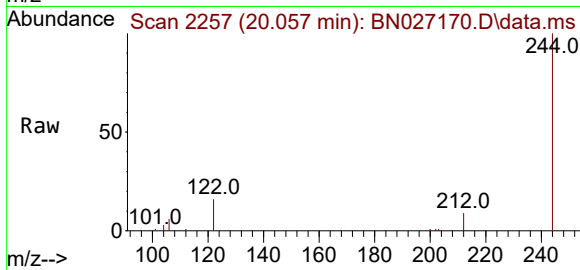




#31
 Terphenyl-d14
 Concen: 0.440 ng
 RT: 20.057 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN027170.D
 Acq: 27 Aug 2023 01:13

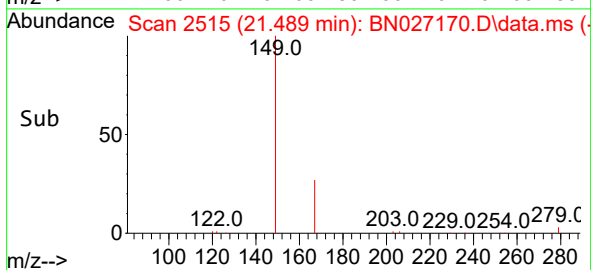
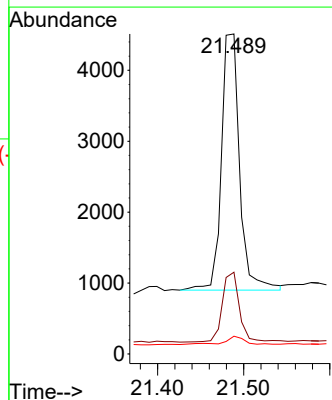
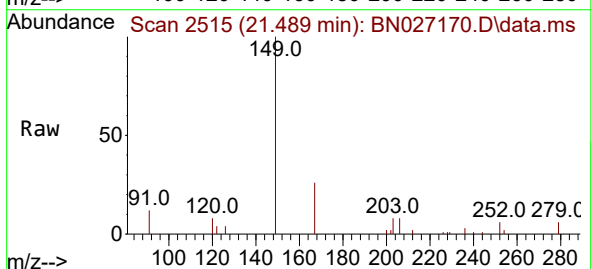
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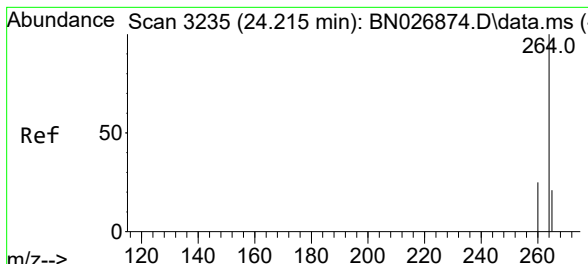
Tgt Ion:244 Resp: 16533
 Ion Ratio Lower Upper
 244 100
 212 9.0 6.9 10.3
 122 15.6 11.9 17.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.113 ng
 RT: 21.489 min Scan# 2515
 Delta R.T. -0.009 min
 Lab File: BN027170.D
 Acq: 27 Aug 2023 01:13

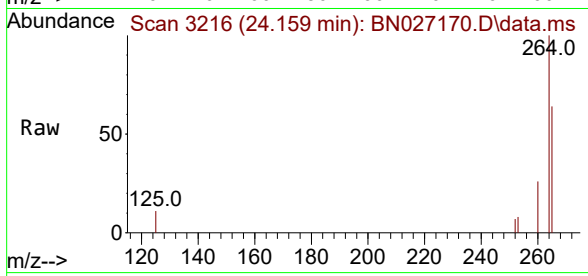
Tgt Ion:149 Resp: 5288
 Ion Ratio Lower Upper
 149 100
 167 25.7 21.4 32.0
 279 3.3 3.6 5.4#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.159 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BN027170.D
 Acq: 27 Aug 2023 01:13

Instrument :
 BNA_N
 ClientSampleId :
 RE120D3-20230816



Tgt Ion:264 Resp: 16104

Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.4	30.6
265	63.8	27.0	40.6#

