

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027197.D
 Acq On : 27 Aug 2023 20:05
 Operator : MA/JU
 Sample : 04077-02
 Misc :
 ALS Vial : 88 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE117D1-20230816

Quant Time: Aug 28 00:45:23 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)

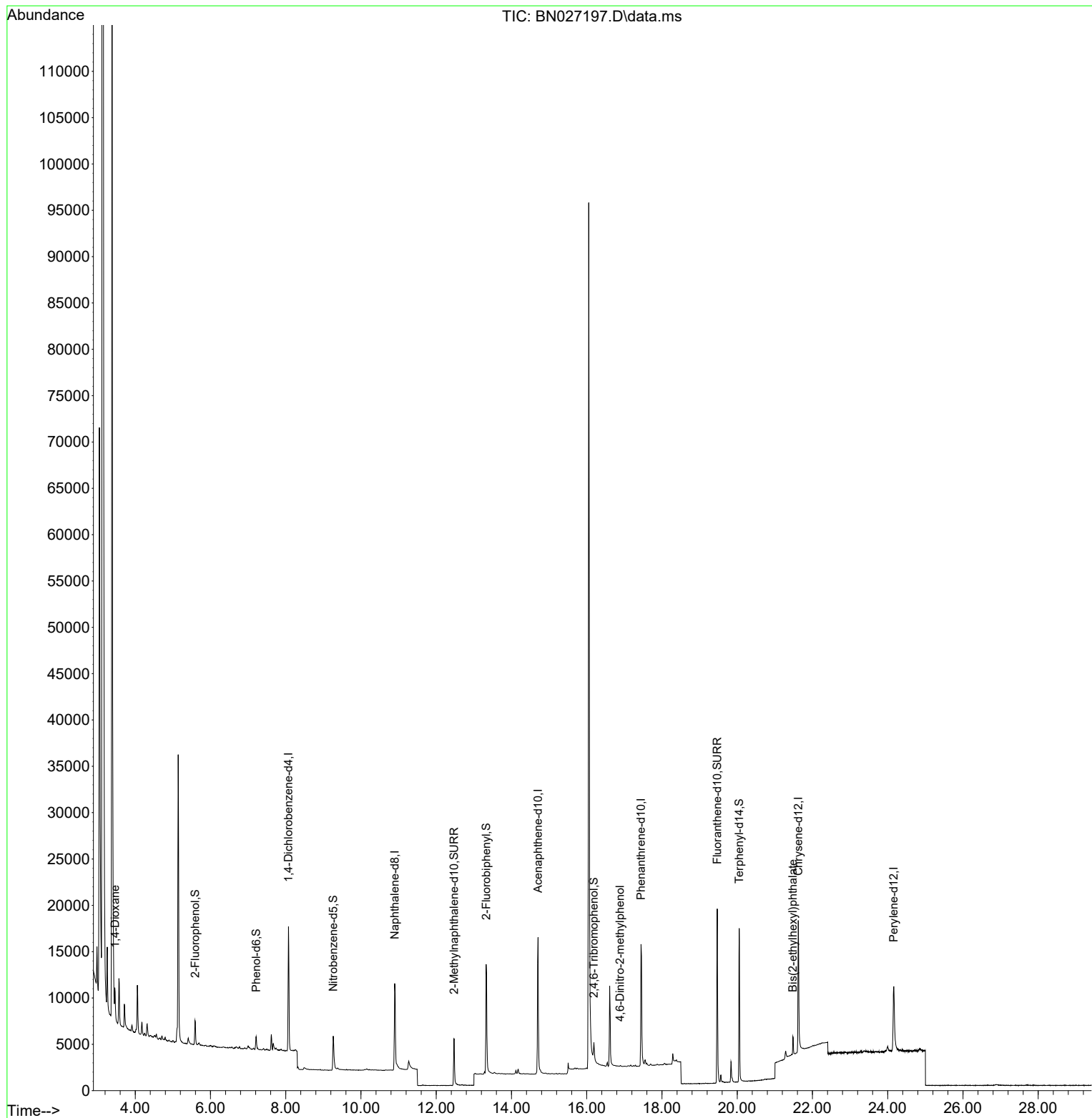
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	6519	0.400	ng	-0.01
7) Naphthalene-d8	10.895	136	15434	0.400	ng	#-0.01
13) Acenaphthene-d10	14.705	164	9494	0.400	ng	0.00
19) Phenanthrene-d10	17.443	188	21552	0.400	ng	#-0.01
29) Chrysene-d12	21.623	240	16023	0.400	ng	# 0.00
35) Perylene-d12	24.159	264	13433	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.596	112	2221	0.121	ng	0.00
5) Phenol-d6	7.214	99	1481	0.065	ng	0.00
8) Nitrobenzene-d5	9.262	82	3512	0.269	ng	-0.01
11) 2-Methylnaphthalene-d10	12.472	152	8011	0.327	ng	-0.01
14) 2,4,6-Tribromophenol	16.189	330	1149	0.227	ng	-0.01
15) 2-Fluorobiphenyl	13.325	172	12625	0.358	ng	-0.01
27) Fluoranthene-d10	19.467	212	21852	0.395	ng	0.00
31) Terphenyl-d14	20.053	244	16592	0.496	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.465	88	2261	0.323	ng	# 84
20) 4,6-Dinitro-2-methylph...	16.884	198	13	0.038	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.480	149	2328	0.056	ng	# 93

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

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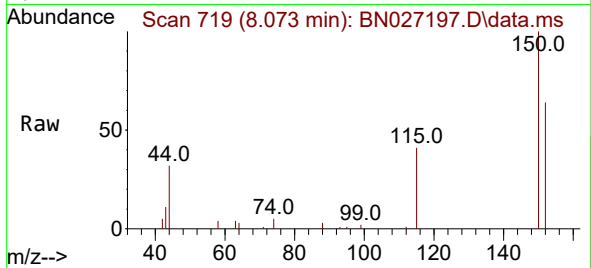
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
Response via : Initial Calibration



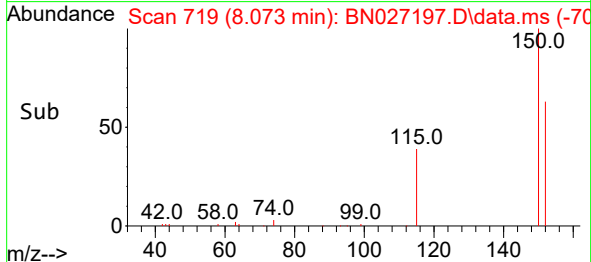
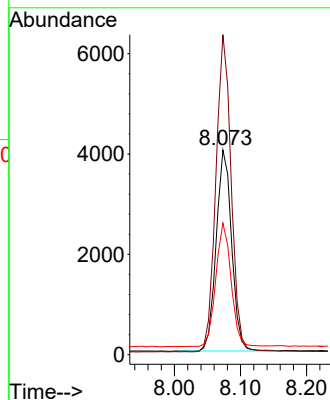


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.073 min Scan# 71
Delta R.T. -0.015 min
Lab File: BN027197.D
Acq: 27 Aug 2023 20:05

Instrument :
BNA_N
ClientSampleId :
RE117D1-20230816

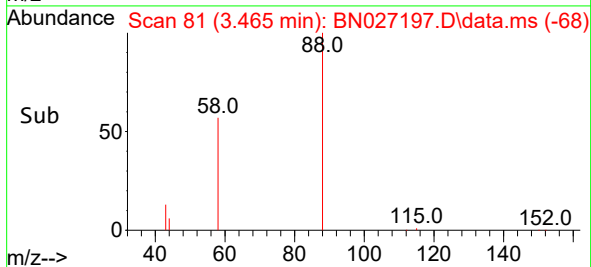
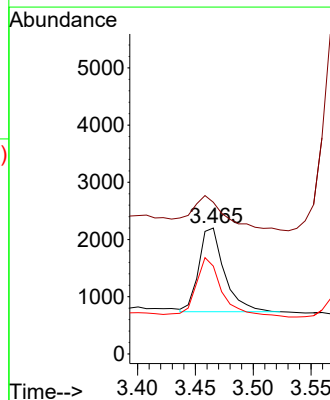
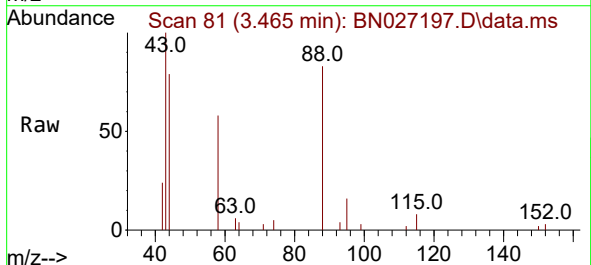


Tgt Ion:152 Resp: 6519
Ion Ratio Lower Upper
152 100
150 156.4 123.8 185.6
115 64.3 49.7 74.5



#2
1,4-Dioxane
Concen: 0.323 ng
RT: 3.465 min Scan# 81
Delta R.T. -0.007 min
Lab File: BN027197.D
Acq: 27 Aug 2023 20:05

Tgt Ion: 88 Resp: 2261
Ion Ratio Lower Upper
88 100
43 53.7 19.2 28.8#
58 69.0 54.5 81.7

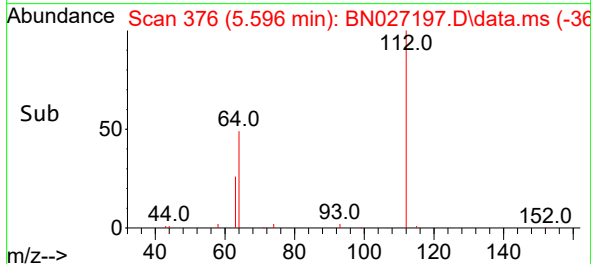
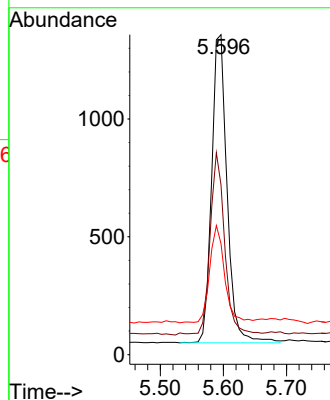
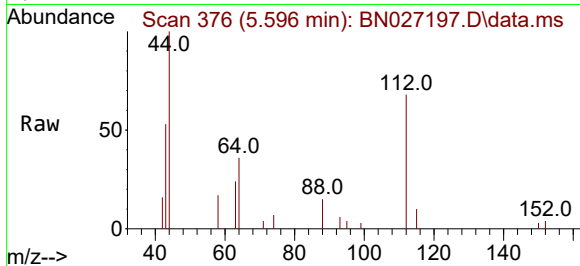




#4
2-Fluorophenol
Concen: 0.121 ng
RT: 5.596 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN027197.D
Acq: 27 Aug 2023 20:05

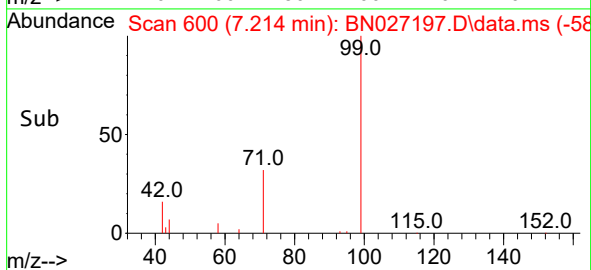
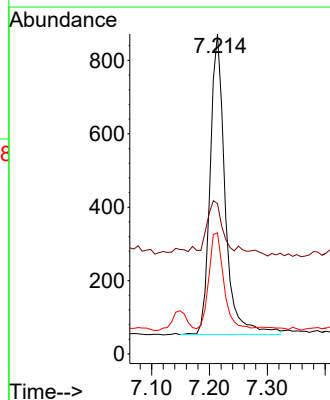
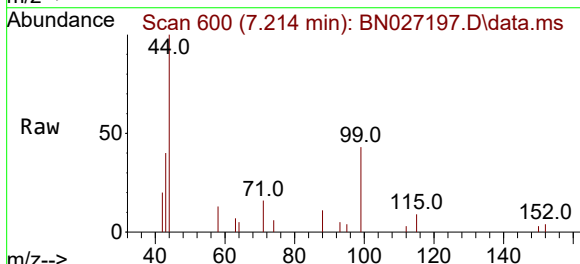
Instrument :
BNA_N
ClientSampleId :
RE117D1-20230816

Tgt Ion:112 Resp: 2221
Ion Ratio Lower Upper
112 100
64 53.9 41.5 62.3
63 29.6 21.7 32.5



#5
Phenol-d6
Concen: 0.065 ng
RT: 7.214 min Scan# 600
Delta R.T. -0.007 min
Lab File: BN027197.D
Acq: 27 Aug 2023 20:05

Tgt Ion: 99 Resp: 1481
Ion Ratio Lower Upper
99 100
42 16.6 13.6 20.4
71 31.3 26.0 39.0

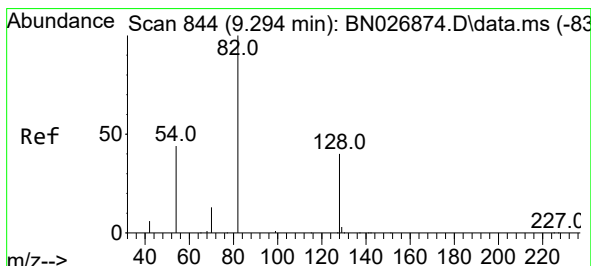
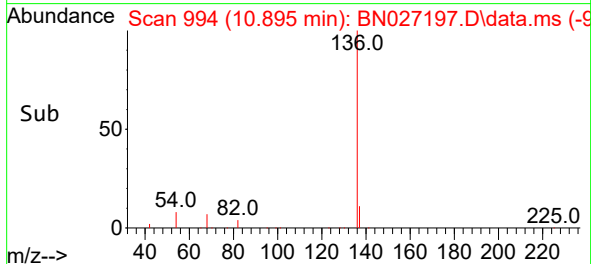
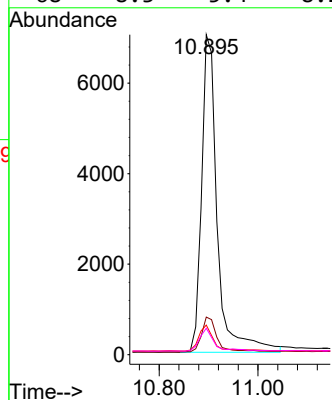
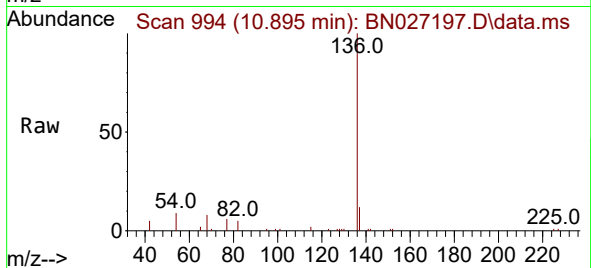




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.895 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN027197.D
Acq: 27 Aug 2023 20:05

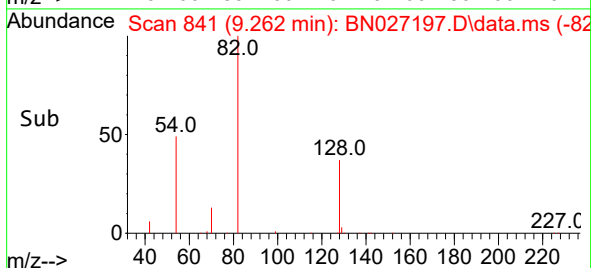
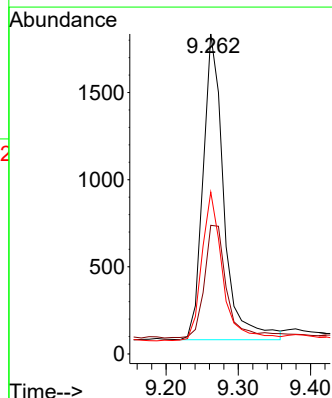
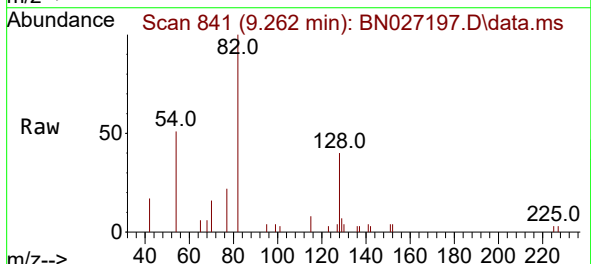
Instrument :
BNA_N
ClientSampleId :
RE117D1-20230816

Tgt Ion:	136	Resp:	15434
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.0	13.6
54	9.2	5.5	8.3#
68	8.3	5.4	8.2#



#8
Nitrobenzene-d5
Concen: 0.269 ng
RT: 9.262 min Scan# 841
Delta R.T. -0.011 min
Lab File: BN027197.D
Acq: 27 Aug 2023 20:05

Tgt Ion:	82	Resp:	3512
Ion Ratio	Lower	Upper	
82	100		
128	40.2	34.1	51.1
54	50.6	37.0	55.4

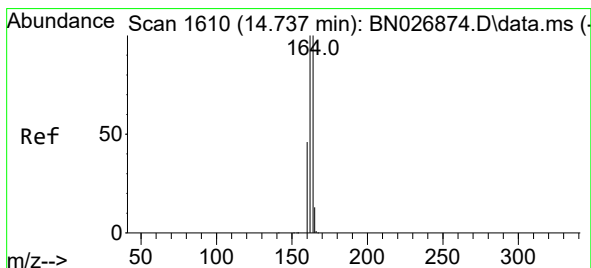
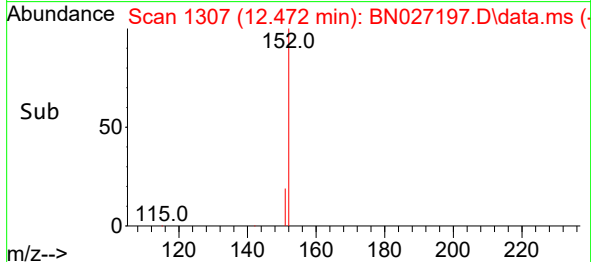
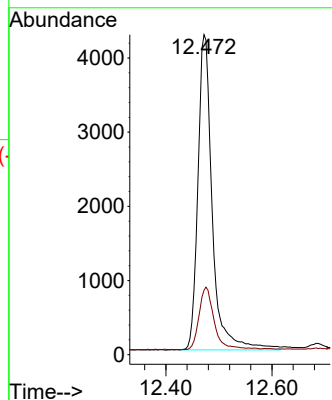
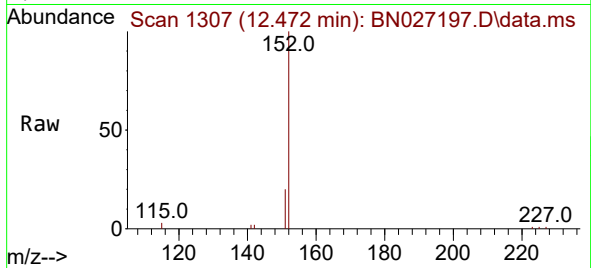




#11
2-Methylnaphthalene-d10
Concen: 0.327 ng
RT: 12.472 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN027197.D
Acq: 27 Aug 2023 20:05

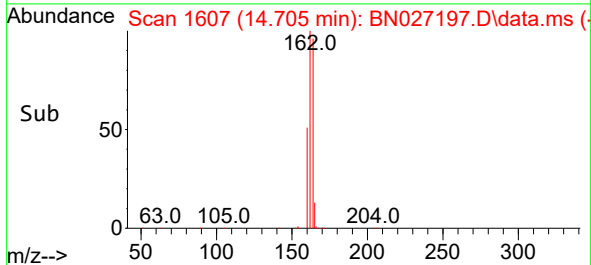
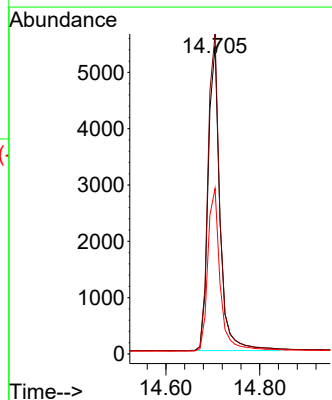
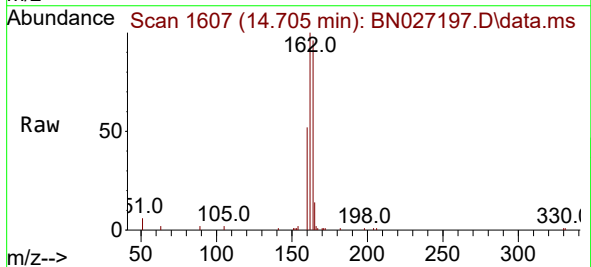
Instrument :
BNA_N
ClientSampleId :
RE117D1-20230816

Tgt Ion:152 Resp: 8011
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: BN027197.D
Acq: 27 Aug 2023 20:05

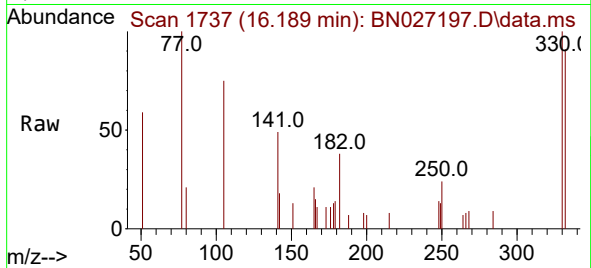
Tgt Ion:164 Resp: 9494
Ion Ratio Lower Upper
164 100
162 103.9 79.7 119.5
160 53.7 37.4 56.0



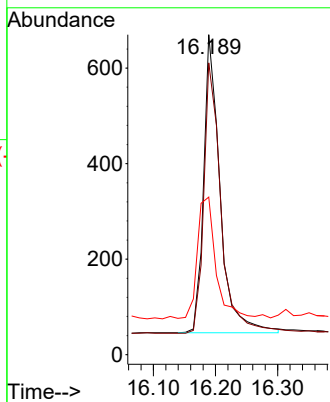
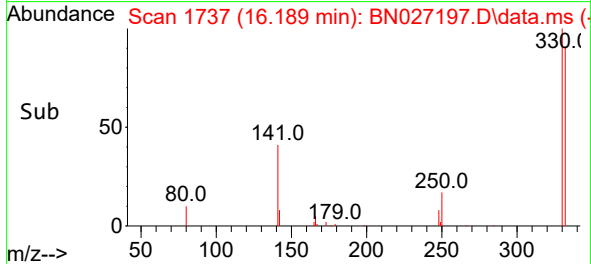


#14
2,4,6-Tribromophenol
Concen: 0.227 ng
RT: 16.189 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN027197.D
Acq: 27 Aug 2023 20:05

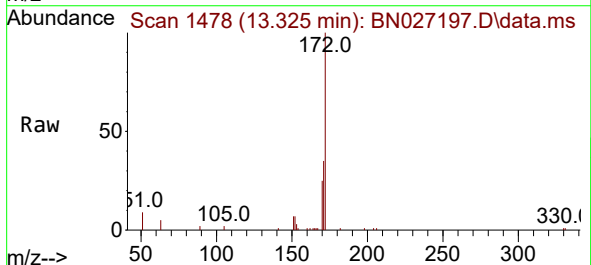
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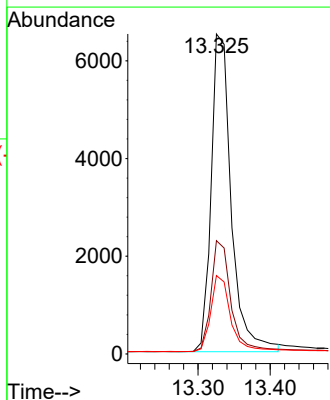
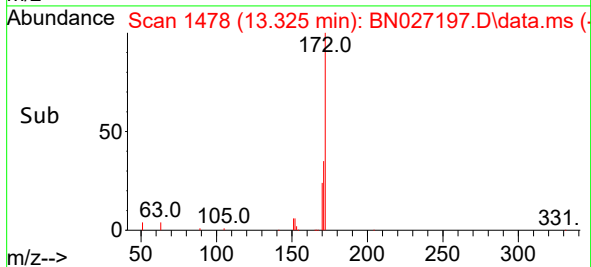
Tgt Ion:330 Resp: 1149
Ion Ratio Lower Upper
330 100
332 94.4 76.6 114.8
141 45.5 32.3 48.5

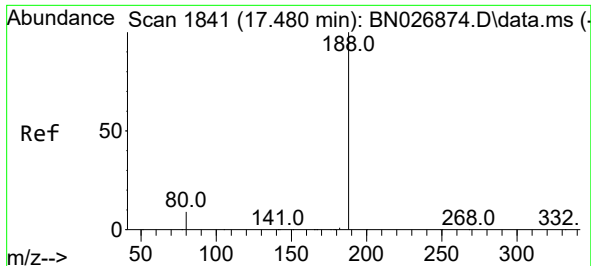


#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 13.325 min Scan# 1478
Delta R.T. -0.011 min
Lab File: BN027197.D
Acq: 27 Aug 2023 20:05



Tgt Ion:172 Resp: 12625
Ion Ratio Lower Upper
172 100
171 35.4 27.4 41.0
170 24.5 18.0 27.0

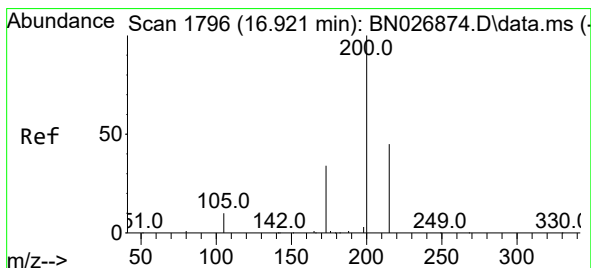
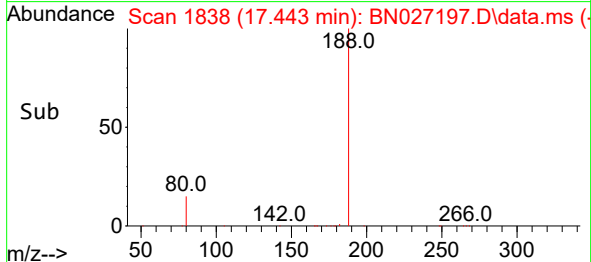
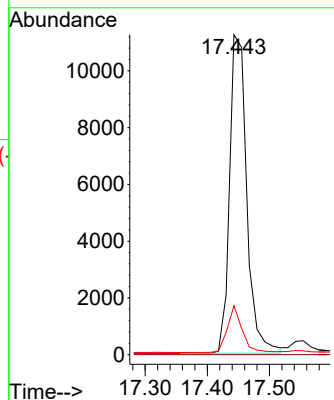
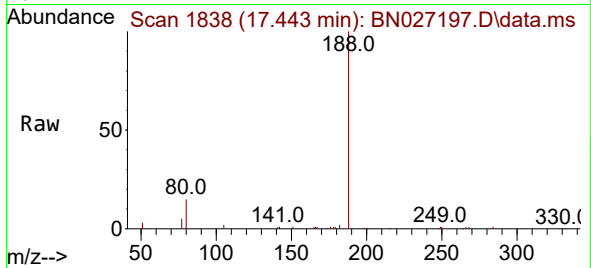




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.443 min Scan# 1838
Delta R.T. -0.012 min
Lab File: BN027197.D
Acq: 27 Aug 2023 20:05

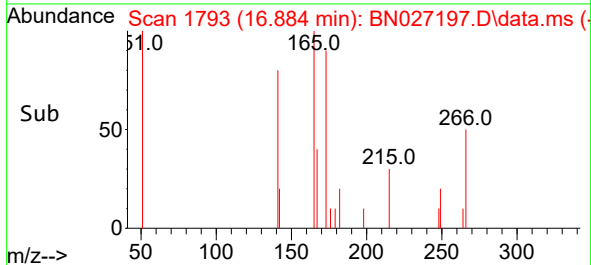
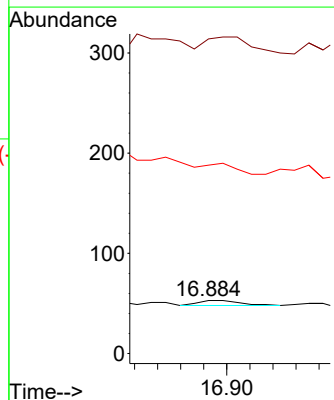
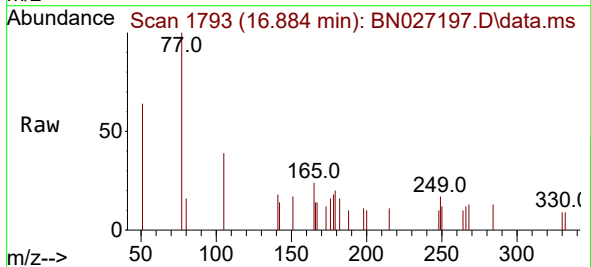
Instrument :
BNA_N
ClientSampleId :
RE117D1-20230816

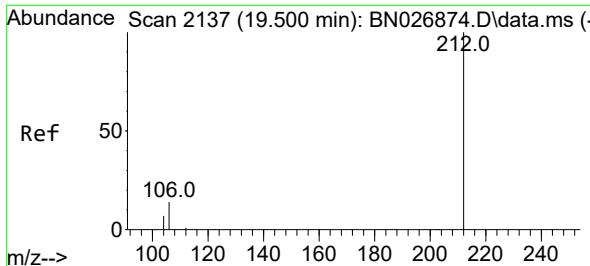
Tgt Ion:188 Resp: 21552
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.3 7.4 11.2#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.038 ng
RT: 16.884 min Scan# 1793
Delta R.T. -0.025 min
Lab File: BN027197.D
Acq: 27 Aug 2023 20:05

Tgt Ion:198 Resp: 13
Ion Ratio Lower Upper
198 100
51 592.5 143.8 215.8#
105 354.7 273.5 410.3

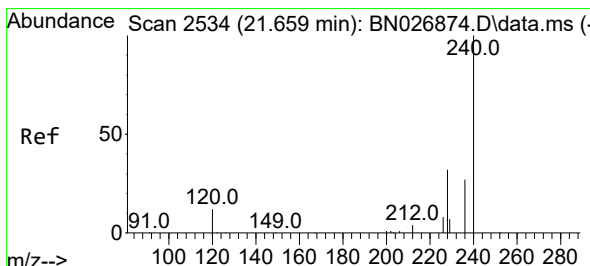
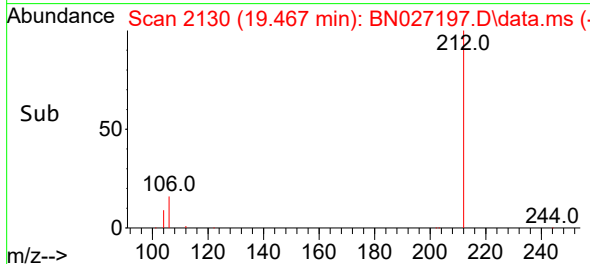
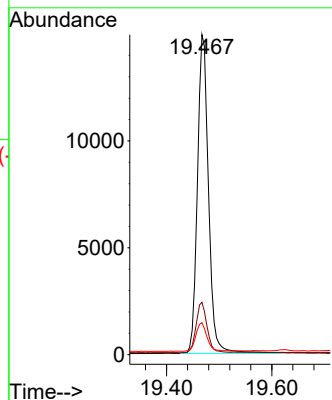
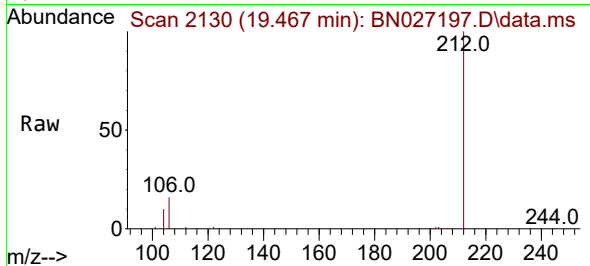




#27
Fluoranthene-d10
Concen: 0.395 ng
RT: 19.467 min Scan# 2130
Delta R.T. -0.009 min
Lab File: BN027197.D
Acq: 27 Aug 2023 20:05

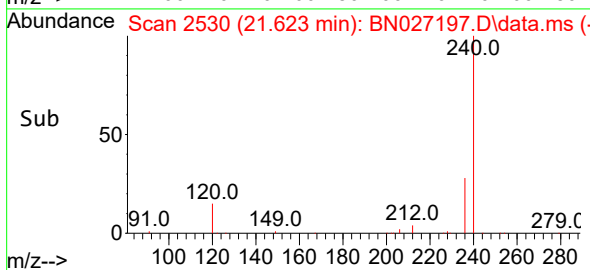
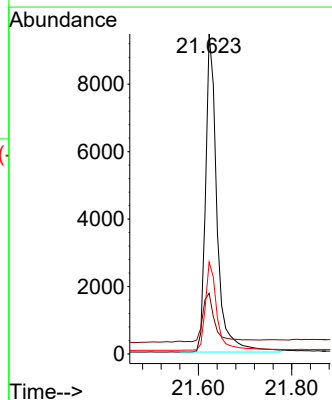
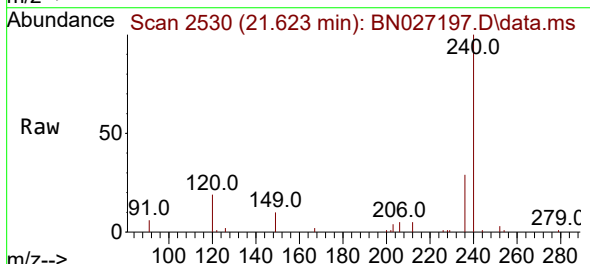
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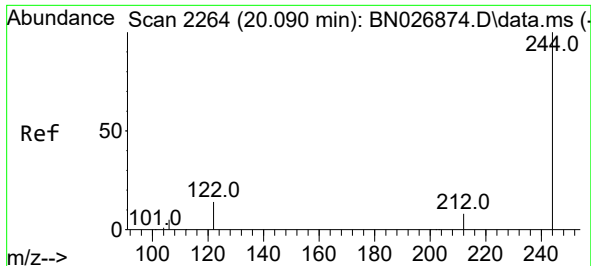
Tgt Ion:212 Resp: 21852
Ion Ratio Lower Upper
212 100
106 15.6 10.9 16.3
104 9.0 5.9 8.9#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.623 min Scan# 2530
Delta R.T. -0.009 min
Lab File: BN027197.D
Acq: 27 Aug 2023 20:05

Tgt Ion:240 Resp: 16023
Ion Ratio Lower Upper
240 100
120 18.9 11.1 16.7#
236 28.8 22.2 33.2

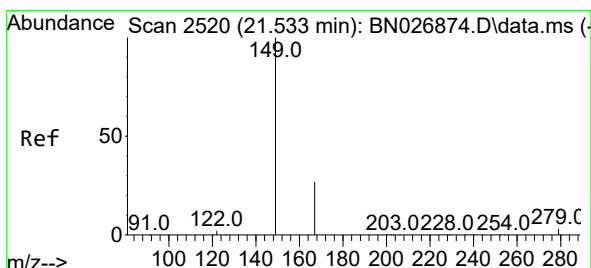
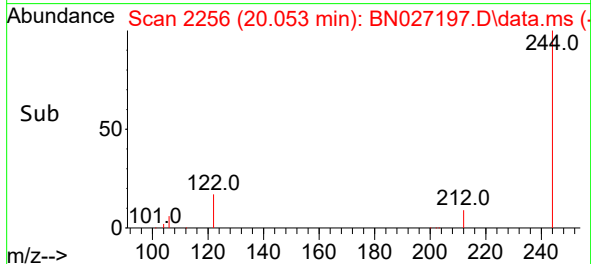
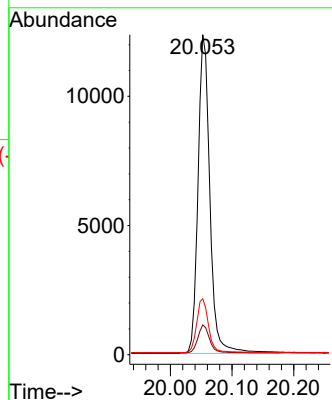
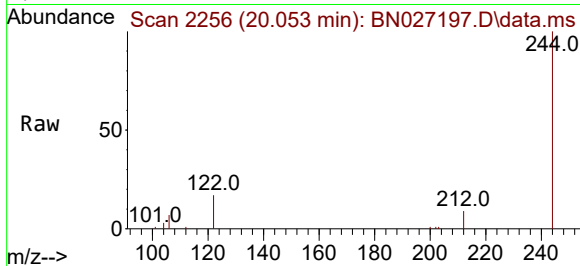




#31
Terphenyl-d14
Concen: 0.496 ng
RT: 20.053 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN027197.D
Acq: 27 Aug 2023 20:05

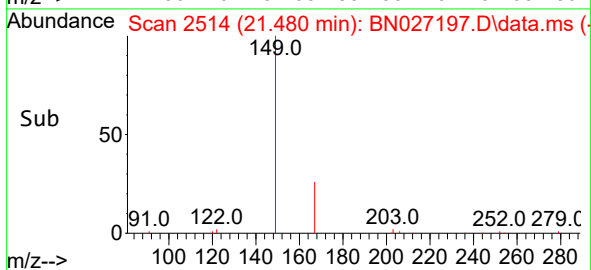
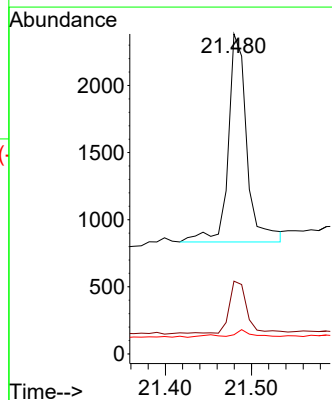
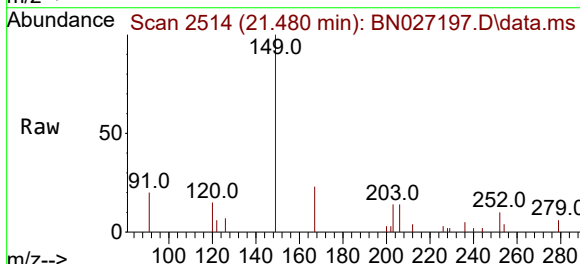
Instrument :
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ClientSampleId :
RE117D1-20230816

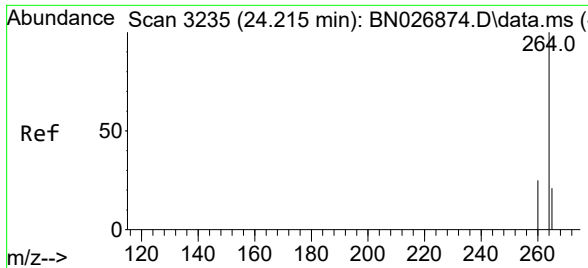
Tgt Ion:244 Resp: 16592
Ion Ratio Lower Upper
244 100
212 9.3 6.9 10.3
122 17.5 11.9 17.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.056 ng
RT: 21.480 min Scan# 2514
Delta R.T. -0.018 min
Lab File: BN027197.D
Acq: 27 Aug 2023 20:05

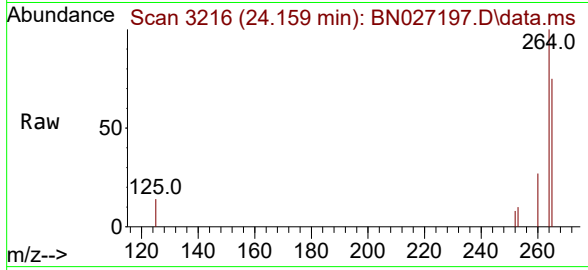
Tgt Ion:149 Resp: 2328
Ion Ratio Lower Upper
149 100
167 22.9 21.4 32.0
279 2.3 3.6 5.4#





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.159 min Scan# 31
Delta R.T. -0.012 min
Lab File: BN027197.D
Acq: 27 Aug 2023 20:05

Instrument :
BNA_N
ClientSampleId :
RE117D1-20230816



Tgt Ion:264 Resp: 13433
Ion Ratio Lower Upper
264 100
260 27.0 20.4 30.6
265 74.5 27.0 40.6#

