

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027149.D
 Acq On : 26 Aug 2023 11:05
 Operator : MA/JU
 Sample : 04095-04
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE135D1-20230817

Quant Time: Aug 26 22:33:26 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)

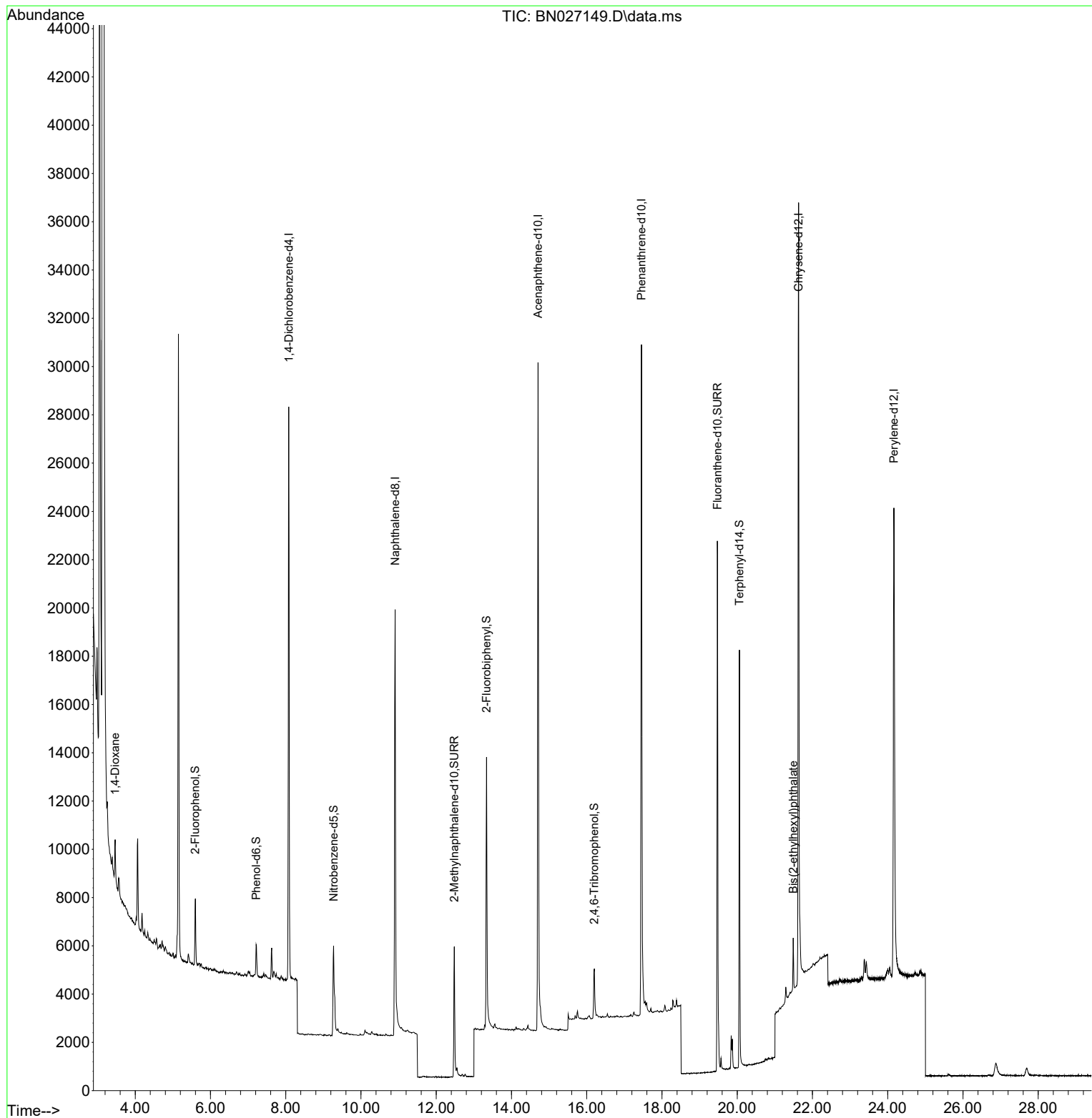
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	11743	0.400	ng	0.00
7) Naphthalene-d8	10.906	136	26795	0.400	ng	0.00
13) Acenaphthene-d10	14.705	164	17761	0.400	ng	0.00
19) Phenanthrene-d10	17.455	188	42221	0.400	ng	0.00
29) Chrysene-d12	21.632	240	34789	0.400	ng	0.00
35) Perylene-d12	24.165	264	34161	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.596	112	2314	0.070	ng	0.00
5) Phenol-d6	7.214	99	1464	0.036	ng	0.00
8) Nitrobenzene-d5	9.273	82	3483	0.154	ng	0.00
11) 2-Methylnaphthalene-d10	12.479	152	8688	0.204	ng	0.00
14) 2,4,6-Tribromophenol	16.202	330	1518	0.161	ng	0.00
15) 2-Fluorobiphenyl	13.336	172	11214	0.170	ng	0.00
27) Fluoranthene-d10	19.477	212	25333	0.234	ng	0.00
31) Terphenyl-d14	20.057	244	17382	0.239	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.466	88	1404	0.111	ng	# 71
34) Bis(2-ethylhexyl)phtha...	21.489	149	2296	0.025	ng	# 95

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

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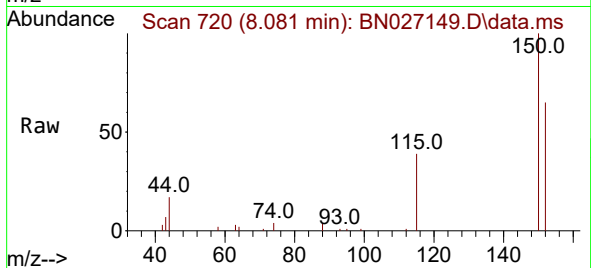
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
Response via : Initial Calibration



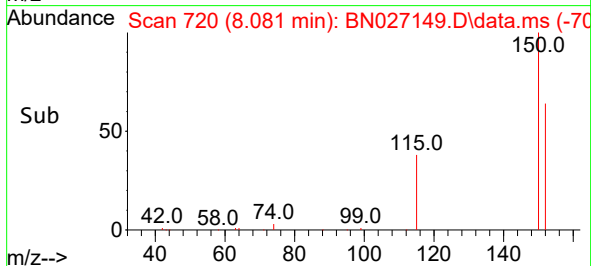
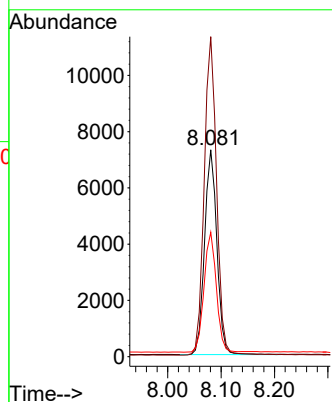


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.081 min Scan# 71
Delta R.T. -0.007 min
Lab File: BN027149.D
Acq: 26 Aug 2023 11:05

Instrument :
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RE135D1-20230817

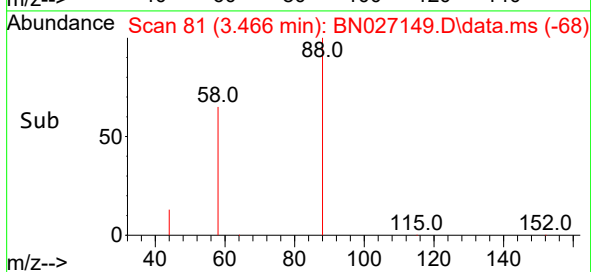
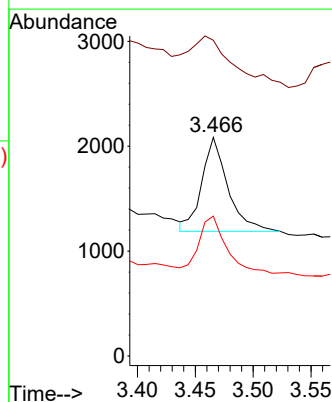
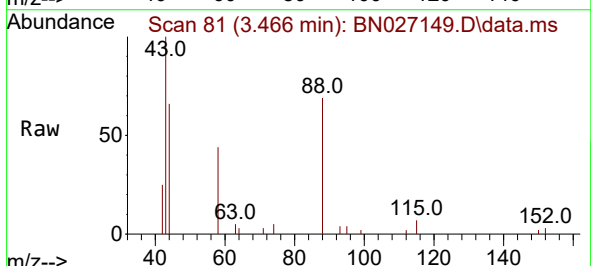


Tgt Ion:152 Resp: 11743
Ion Ratio Lower Upper
152 100
150 154.7 123.8 185.6
115 60.2 49.7 74.5



#2
1,4-Dioxane
Concen: 0.111 ng
RT: 3.466 min Scan# 81
Delta R.T. -0.007 min
Lab File: BN027149.D
Acq: 26 Aug 2023 11:05

Tgt Ion: 88 Resp: 1404
Ion Ratio Lower Upper
88 100
43 71.3 19.2 28.8#
58 63.8 54.5 81.7

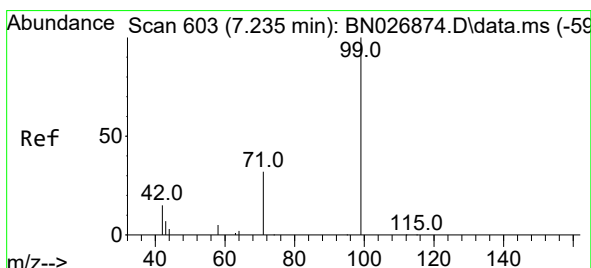
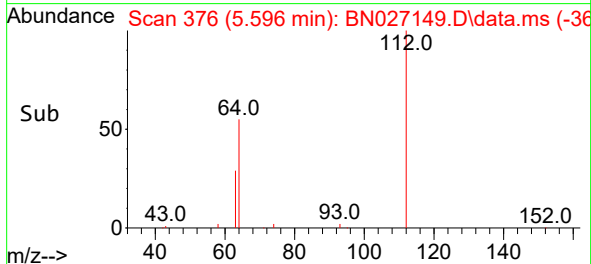
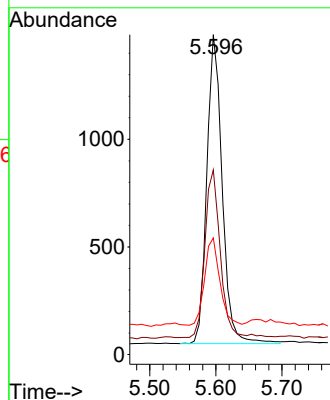
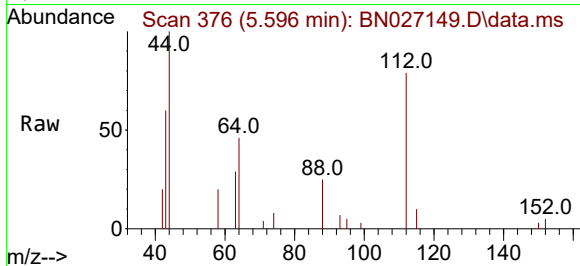




#4
2-Fluorophenol
Concen: 0.070 ng
RT: 5.596 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN027149.D
Acq: 26 Aug 2023 11:05

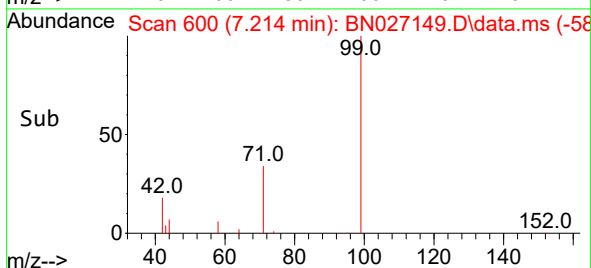
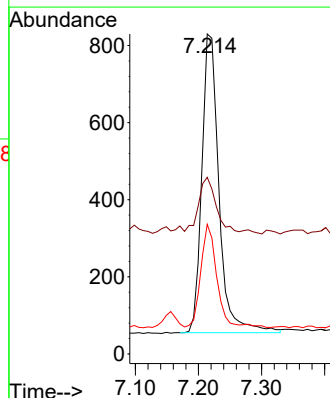
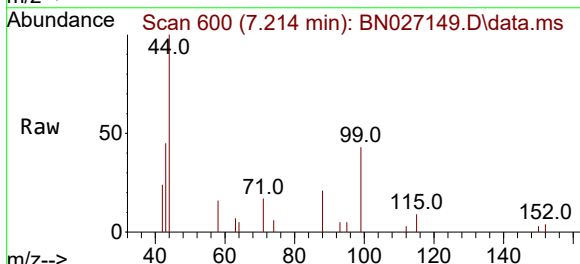
Instrument :
BNA_N
ClientSampleId :
RE135D1-20230817

Tgt Ion:112 Resp: 2314
Ion Ratio Lower Upper
112 100
64 53.8 41.5 62.3
63 28.0 21.7 32.5



#5
Phenol-d6
Concen: 0.036 ng
RT: 7.214 min Scan# 600
Delta R.T. -0.007 min
Lab File: BN027149.D
Acq: 26 Aug 2023 11:05

Tgt Ion: 99 Resp: 1464
Ion Ratio Lower Upper
99 100
42 19.3 13.6 20.4
71 32.0 26.0 39.0

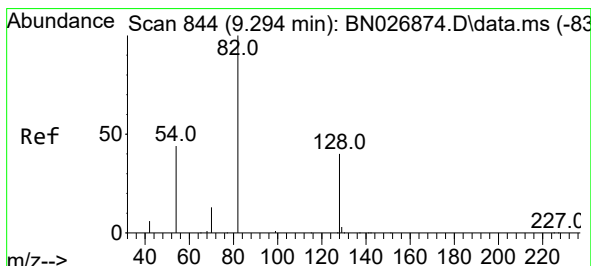
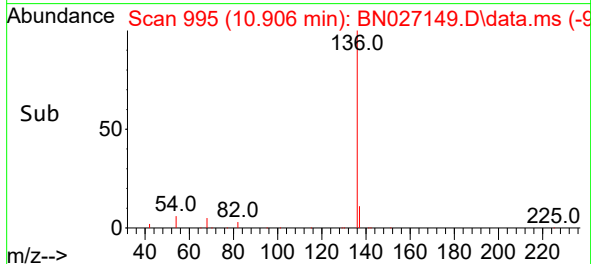
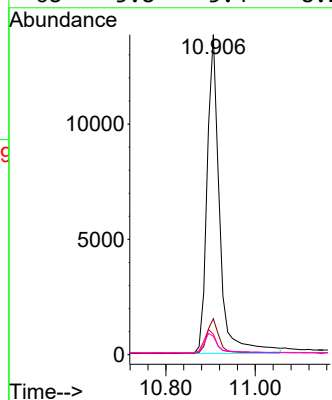
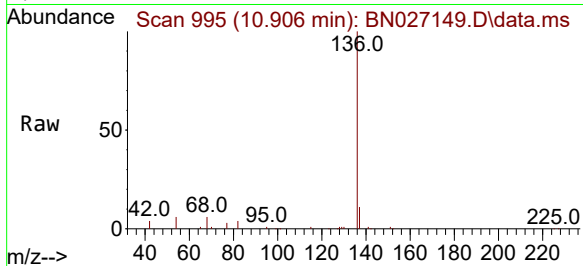




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.906 min Scan# 998
Delta R.T. 0.000 min
Lab File: BN027149.D
Acq: 26 Aug 2023 11:05

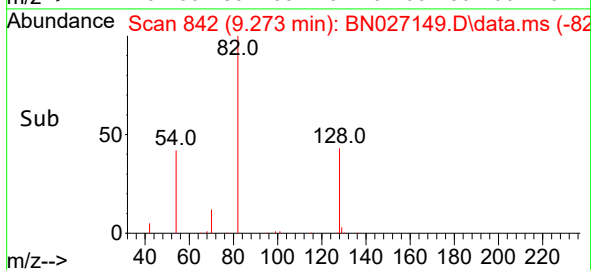
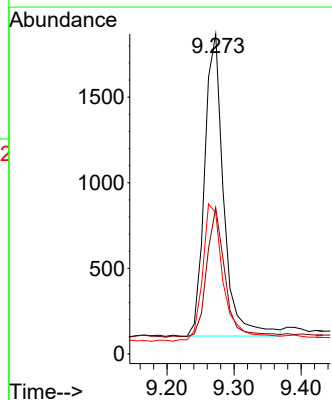
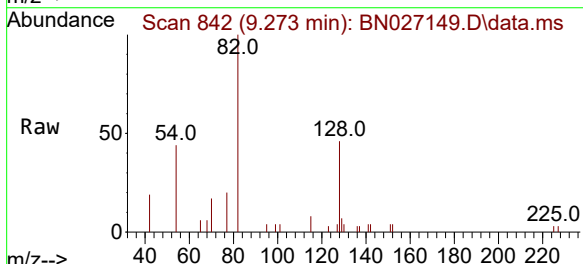
Instrument :
BNA_N
ClientSampleId :
RE135D1-20230817

Tgt Ion:	136	Resp:	26795
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.6
54	6.4	5.5	8.3
68	5.8	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.154 ng
RT: 9.273 min Scan# 842
Delta R.T. 0.000 min
Lab File: BN027149.D
Acq: 26 Aug 2023 11:05

Tgt Ion:	82	Resp:	3483
Ion Ratio	Lower	Upper	
82	100		
128	45.7	34.1	51.1
54	44.1	37.0	55.4

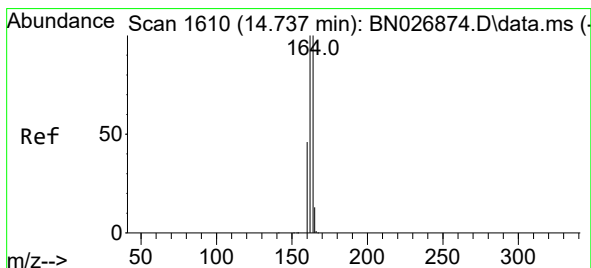
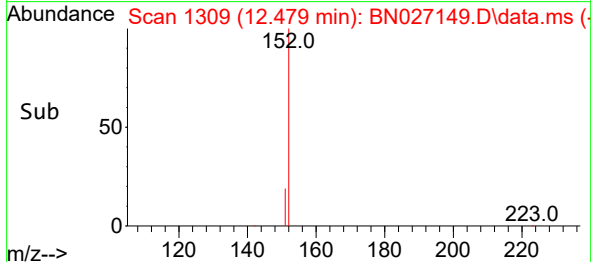
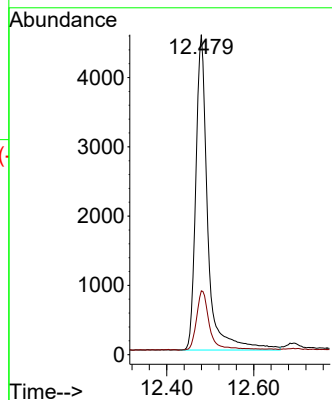
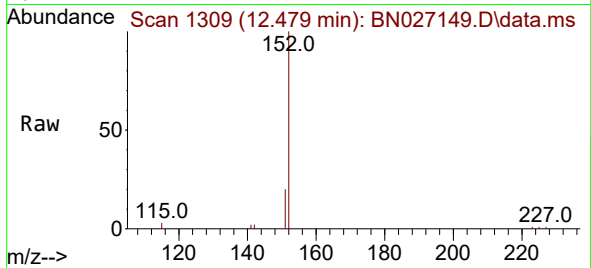




#11
2-Methylnaphthalene-d10
Concen: 0.204 ng
RT: 12.479 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027149.D
Acq: 26 Aug 2023 11:05

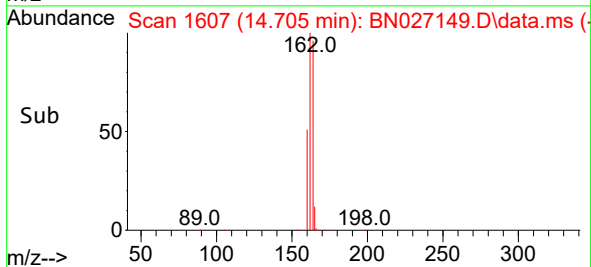
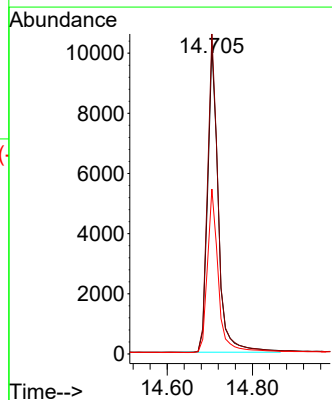
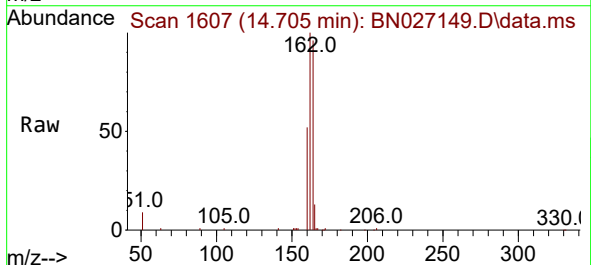
Instrument :
BNA_N
ClientSampleId :
RE135D1-20230817

Tgt Ion:152 Resp: 8688
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: BN027149.D
Acq: 26 Aug 2023 11:05

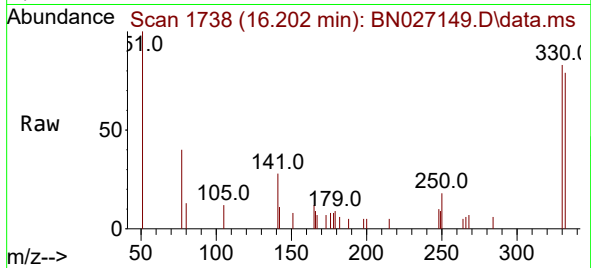
Tgt Ion:164 Resp: 17761
Ion Ratio Lower Upper
164 100
162 104.0 79.7 119.5
160 53.6 37.4 56.0



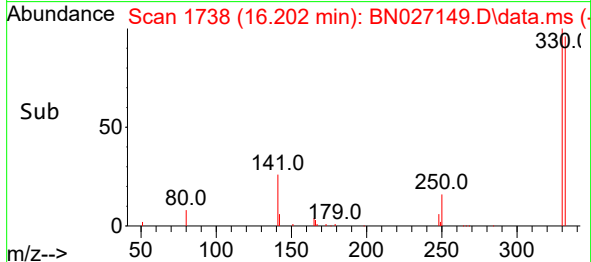
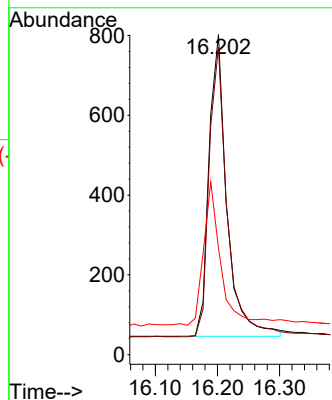


#14
2,4,6-Tribromophenol
Concen: 0.161 ng
RT: 16.202 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027149.D
Acq: 26 Aug 2023 11:05

Instrument :
BNA_N
ClientSampleId :
RE135D1-20230817

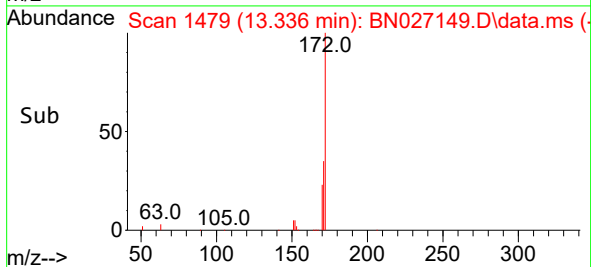
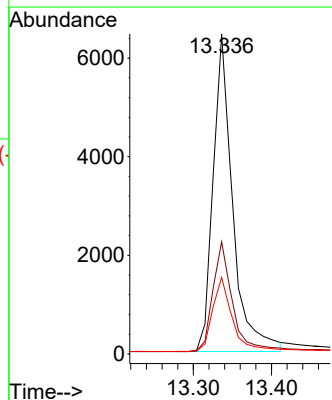
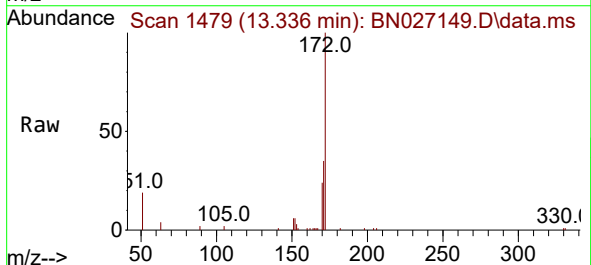


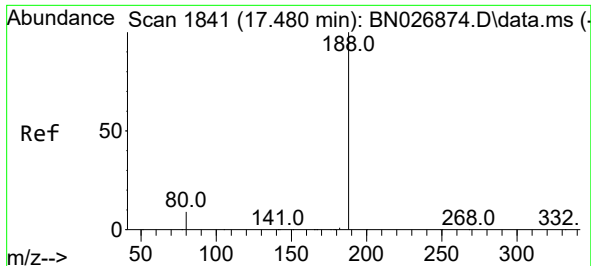
Tgt Ion:330 Resp: 1518
Ion Ratio Lower Upper
330 100
332 97.0 76.6 114.8
141 45.1 32.3 48.5



#15
2-Fluorobiphenyl
Concen: 0.170 ng
RT: 13.336 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BN027149.D
Acq: 26 Aug 2023 11:05

Tgt Ion:172 Resp: 11214
Ion Ratio Lower Upper
172 100
171 35.1 27.4 41.0
170 23.9 18.0 27.0

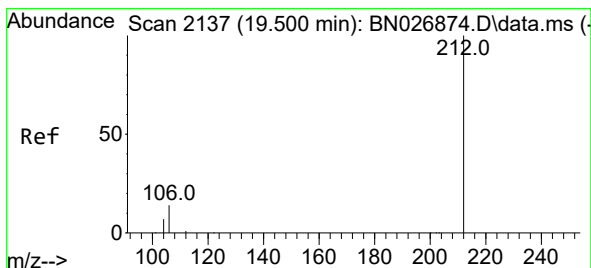
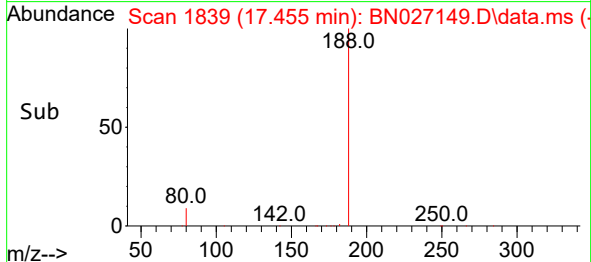
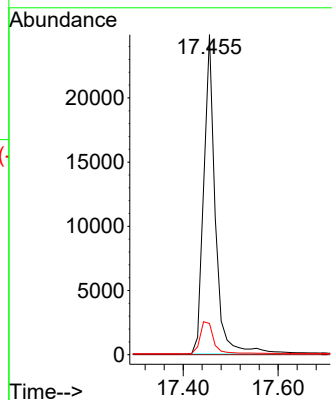
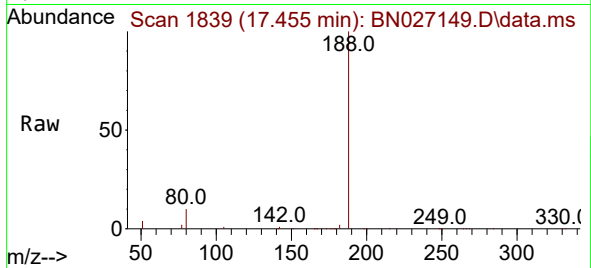




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.455 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BN027149.D
Acq: 26 Aug 2023 11:05

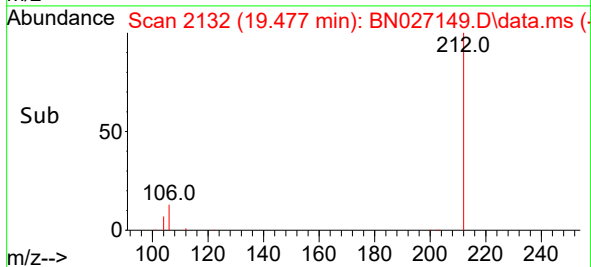
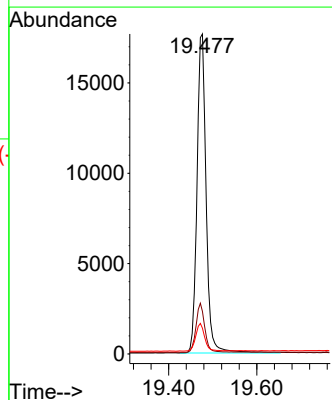
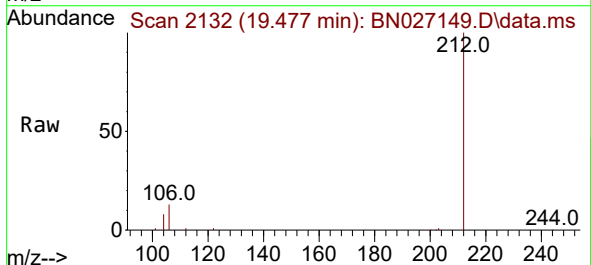
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ClientSampleId :
RE135D1-20230817

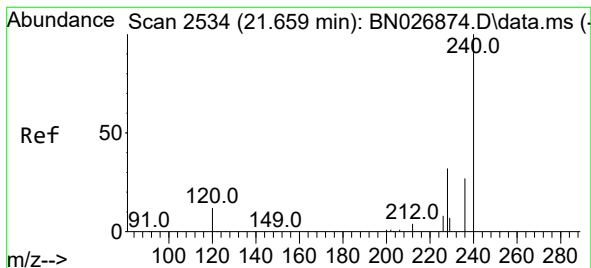
Tgt Ion:188 Resp: 42221
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.7 7.4 11.2



#27
Fluoranthene-d10
Concen: 0.234 ng
RT: 19.477 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BN027149.D
Acq: 26 Aug 2023 11:05

Tgt Ion:212 Resp: 25333
Ion Ratio Lower Upper
212 100
106 14.7 10.9 16.3
104 8.6 5.9 8.9





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.632 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN027149.D

Acq: 26 Aug 2023 11:05

Instrument :

BNA_N

ClientSampleId :

RE135D1-20230817

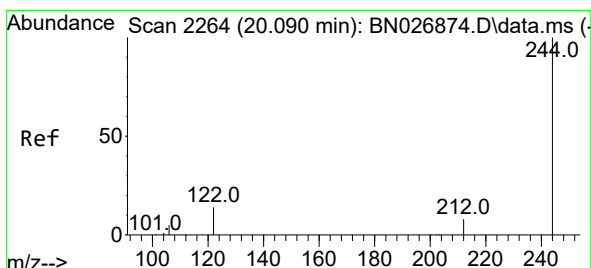
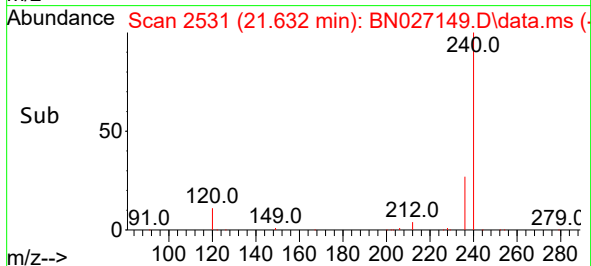
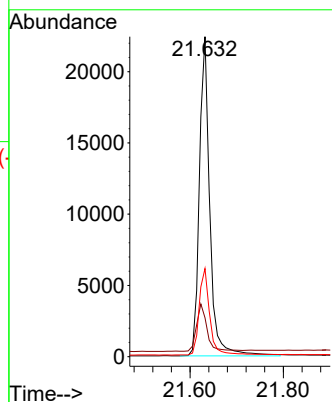
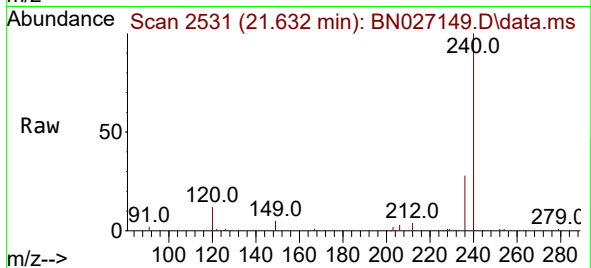
Tgt Ion:240 Resp: 34789

Ion Ratio Lower Upper

240 100

120 12.1 11.1 16.7

236 27.5 22.2 33.2



#31

Terphenyl-d14

Concen: 0.239 ng

RT: 20.057 min Scan# 2257

Delta R.T. -0.005 min

Lab File: BN027149.D

Acq: 26 Aug 2023 11:05

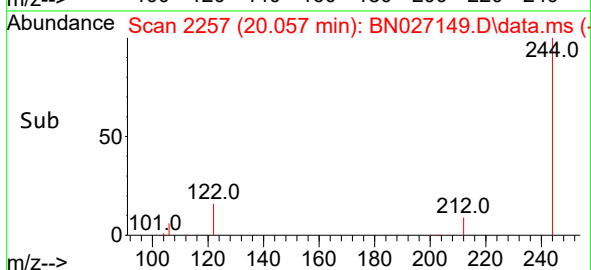
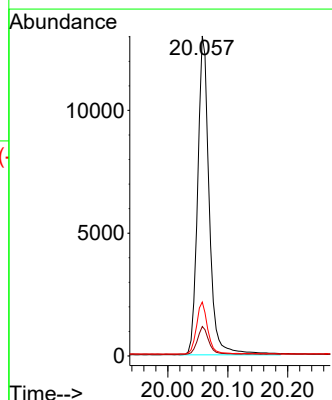
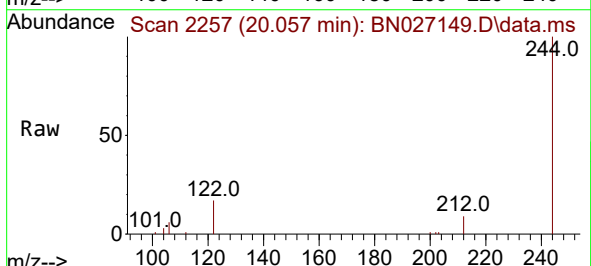
Tgt Ion:244 Resp: 17382

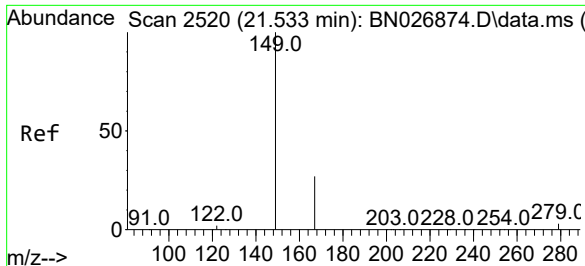
Ion Ratio Lower Upper

244 100

212 9.2 6.9 10.3

122 16.9 11.9 17.9

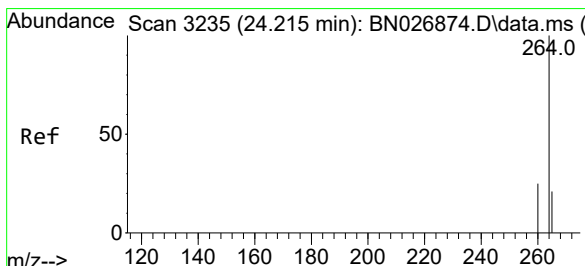
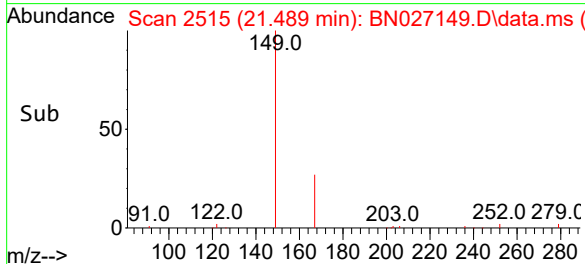
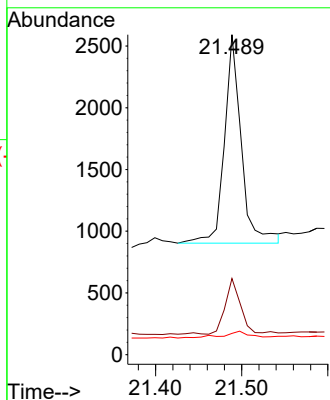
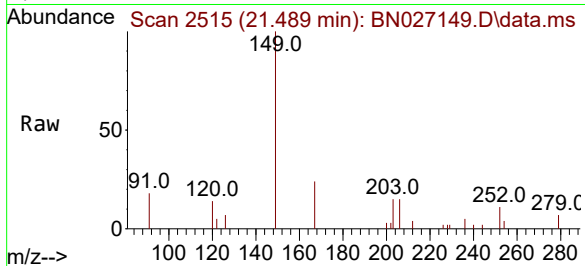




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.025 ng
 RT: 21.489 min Scan# 2149
 Delta R.T. -0.009 min
 Lab File: BN027149.D
 Acq: 26 Aug 2023 11:05

Instrument :
 BNA_N
 ClientSampleId :
 RE135D1-20230817

Tgt Ion:149 Resp: 2296
 Ion Ratio Lower Upper
 149 100
 167 24.0 21.4 32.0
 279 5.4 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: BN027149.D
 Acq: 26 Aug 2023 11:05

Tgt Ion:264 Resp: 34161
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.4 30.6
 265 41.5 27.0 40.6#

