

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027155.D
 Acq On : 26 Aug 2023 14:46
 Operator : MA/JU
 Sample : 04095-12
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20230818

Quant Time: Aug 26 22:34:25 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)

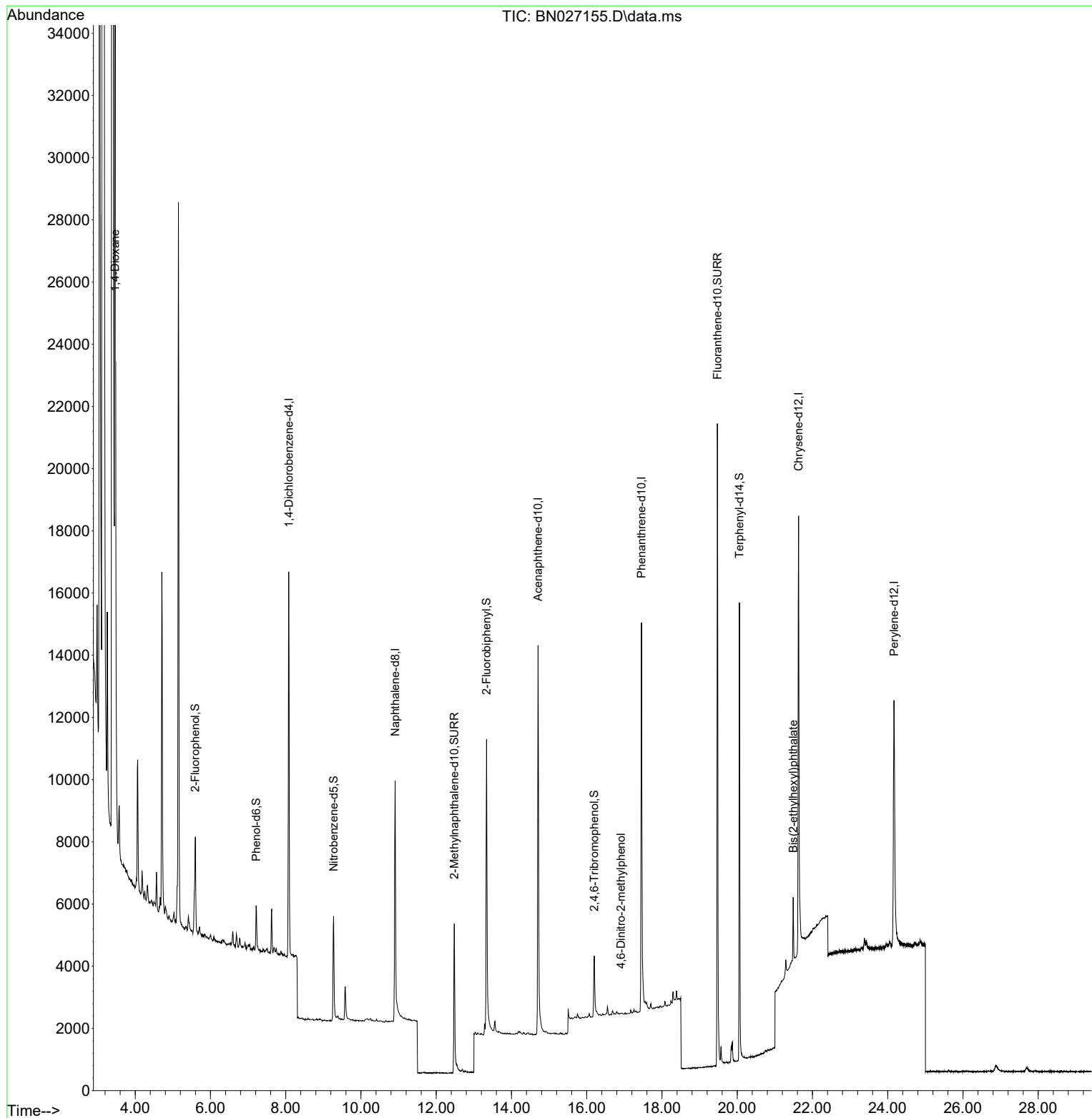
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.080	152	5715	0.400	ng	0.00
7) Naphthalene-d8	10.906	136	12445	0.400	ng	0.00
13) Acenaphthene-d10	14.705	164	8397	0.400	ng	0.00
19) Phenanthrene-d10	17.455	188	19737	0.400	ng	0.00
29) Chrysene-d12	21.632	240	15974	0.400	ng	0.00
35) Perylene-d12	24.168	264	14837	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.596	112	2538	0.158	ng	0.00
5) Phenol-d6	7.214	99	1574	0.079	ng	0.00
8) Nitrobenzene-d5	9.273	82	3221	0.306	ng	0.00
11) 2-Methylnaphthalene-d10	12.479	152	8118	0.410	ng	0.00
14) 2,4,6-Tribromophenol	16.202	330	1418	0.317	ng	0.00
15) 2-Fluorobiphenyl	13.336	172	10067	0.323	ng	0.00
27) Fluoranthene-d10	19.472	212	24147	0.477	ng	0.00
31) Terphenyl-d14	20.057	244	15470	0.463	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.466	88	45890	7.467	ng	Qvalue 97
20) 4,6-Dinitro-2-methylph...	16.909	198	9	0.029	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.489	149	2092	0.050	ng	# 96

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

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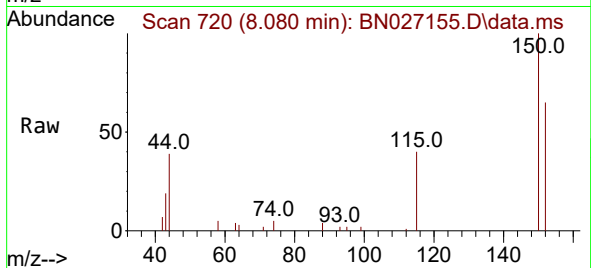
Quant Time: Aug 26 22:34:25 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
Response via : Initial Calibration



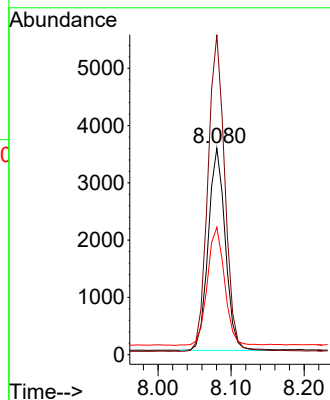
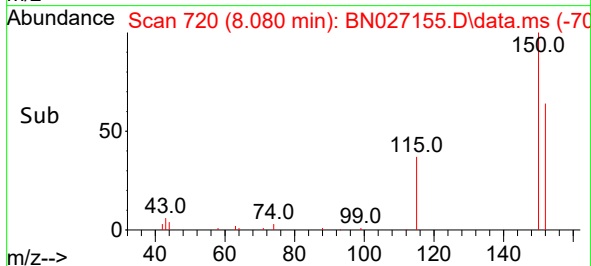


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.080 min Scan# 71
Delta R.T. -0.008 min
Lab File: BN027155.D
Acq: 26 Aug 2023 14:46

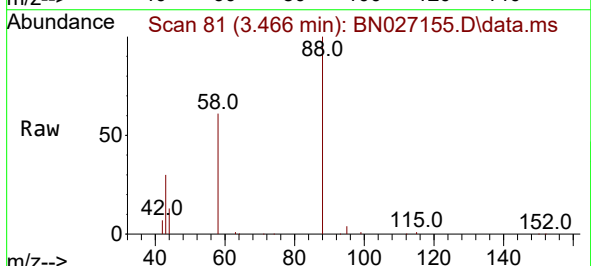
Instrument :
BNA_N
ClientSampleId :
RE134D3-20230818



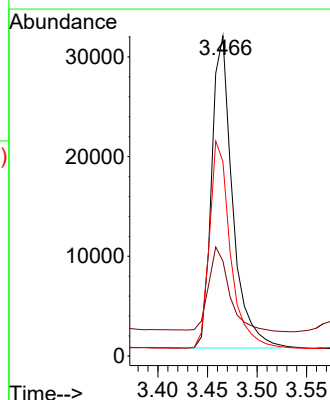
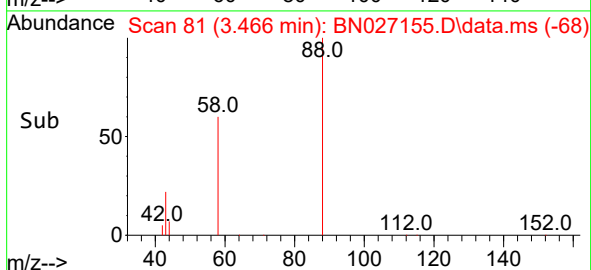
Tgt Ion:152 Resp: 5715
Ion Ratio Lower Upper
152 100
150 155.0 123.8 185.6
115 61.7 49.7 74.5



#2
1,4-Dioxane
Concen: 7.467 ng
RT: 3.466 min Scan# 81
Delta R.T. -0.007 min
Lab File: BN027155.D
Acq: 26 Aug 2023 14:46



Tgt Ion: 88 Resp: 45890
Ion Ratio Lower Upper
88 100
43 26.8 19.2 28.8
58 66.4 54.5 81.7

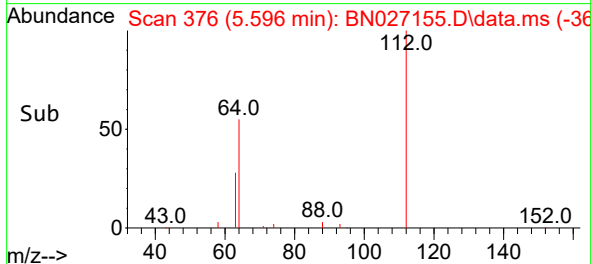
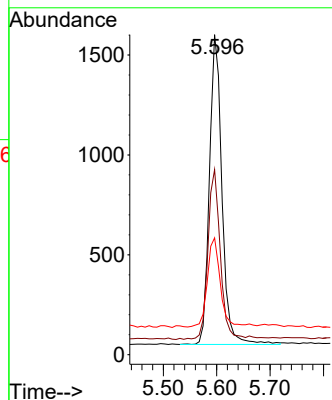
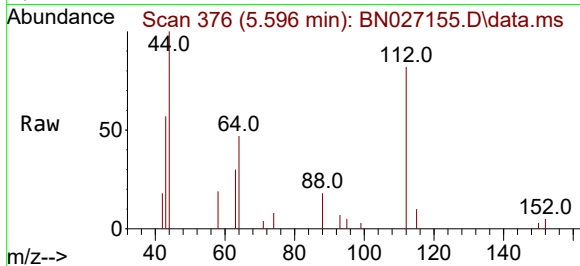




#4
2-Fluorophenol
Concen: 0.158 ng
RT: 5.596 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN027155.D
Acq: 26 Aug 2023 14:46

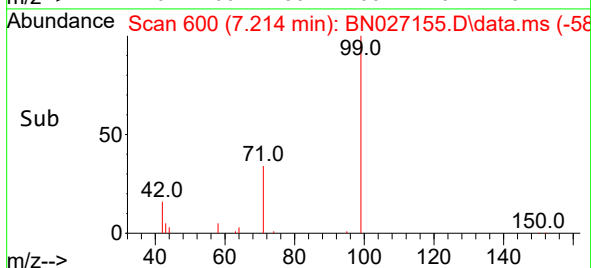
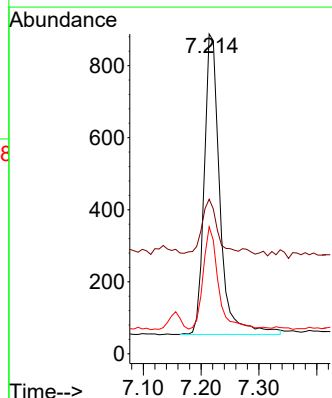
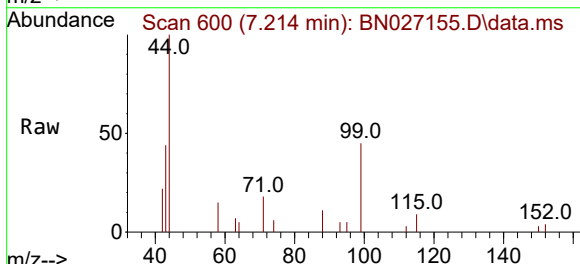
Instrument :
BNA_N
ClientSampleId :
RE134D3-20230818

Tgt Ion:112 Resp: 2538
Ion Ratio Lower Upper
112 100
64 53.7 41.5 62.3
63 29.2 21.7 32.5



#5
Phenol-d6
Concen: 0.079 ng
RT: 7.214 min Scan# 600
Delta R.T. -0.007 min
Lab File: BN027155.D
Acq: 26 Aug 2023 14:46

Tgt Ion: 99 Resp: 1574
Ion Ratio Lower Upper
99 100
42 16.9 13.6 20.4
71 32.8 26.0 39.0

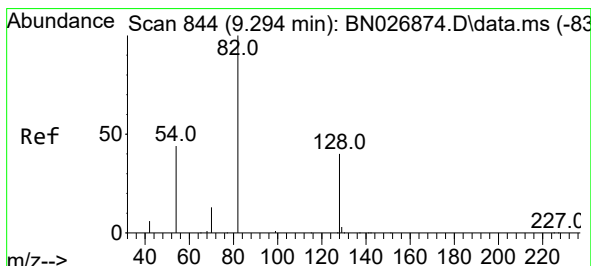
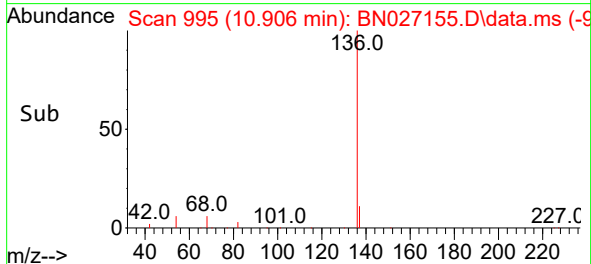
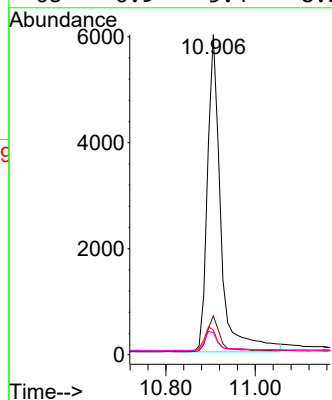
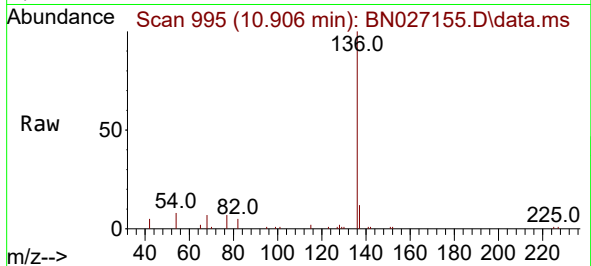




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.906 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN027155.D
Acq: 26 Aug 2023 14:46

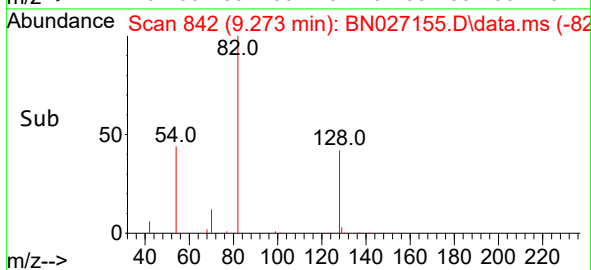
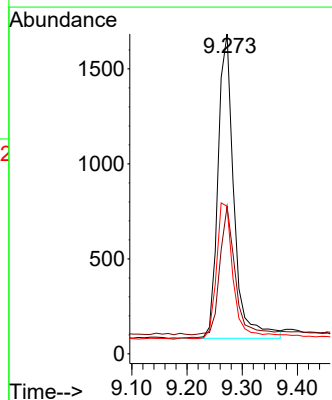
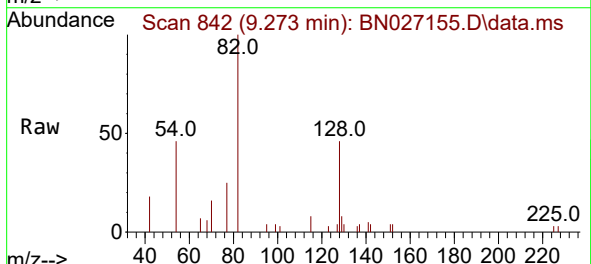
Instrument :
BNA_N
ClientSampleId :
RE134D3-20230818

Tgt Ion:	136	Resp:	12445
Ion Ratio	Lower	Upper	
136	100		
137	12.1	9.0	13.6
54	7.8	5.5	8.3
68	6.9	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.306 ng
RT: 9.273 min Scan# 842
Delta R.T. 0.000 min
Lab File: BN027155.D
Acq: 26 Aug 2023 14:46

Tgt Ion:	82	Resp:	3221
Ion Ratio	Lower	Upper	
82	100		
128	46.1	34.1	51.1
54	46.1	37.0	55.4

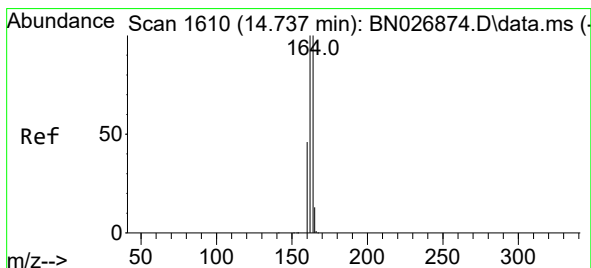
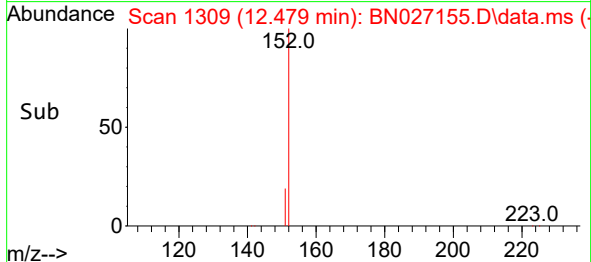
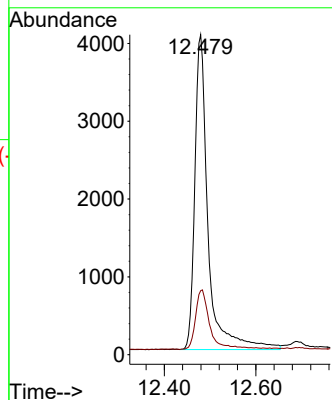
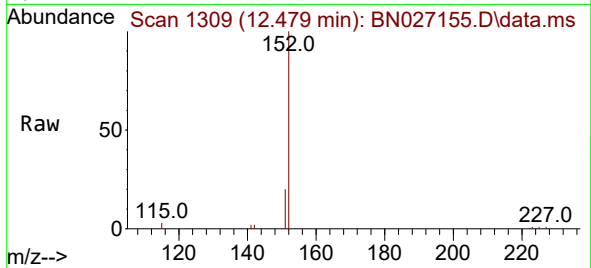




#11
2-Methylnaphthalene-d10
Concen: 0.410 ng
RT: 12.479 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027155.D
Acq: 26 Aug 2023 14:46

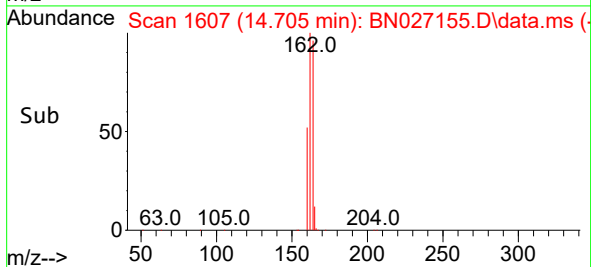
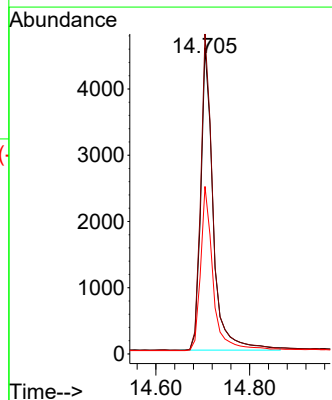
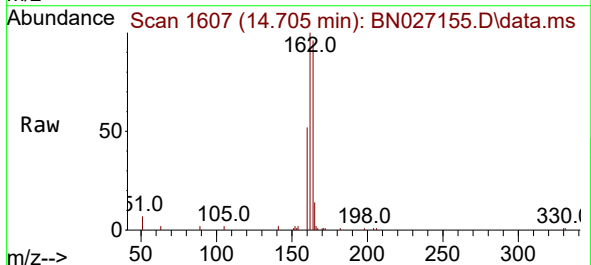
Instrument :
BNA_N
ClientSampleId :
RE134D3-20230818

Tgt Ion:152 Resp: 8118
Ion Ratio Lower Upper
152 100
151 20.4 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: BN027155.D
Acq: 26 Aug 2023 14:46

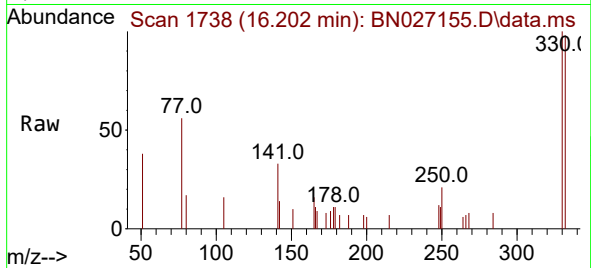
Tgt Ion:164 Resp: 8397
Ion Ratio Lower Upper
164 100
162 104.5 79.7 119.5
160 54.7 37.4 56.0



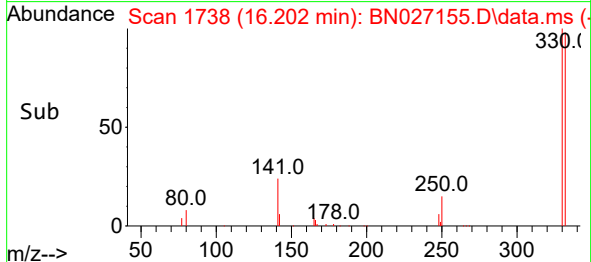
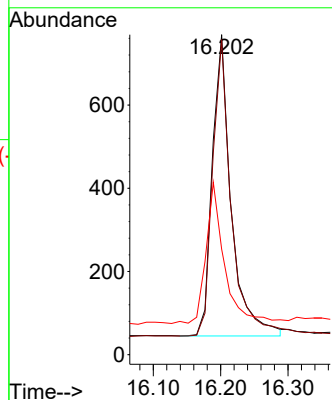


#14
2,4,6-Tribromophenol
Concen: 0.317 ng
RT: 16.202 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027155.D
Acq: 26 Aug 2023 14:46

Instrument :
BNA_N
ClientSampleId :
RE134D3-20230818

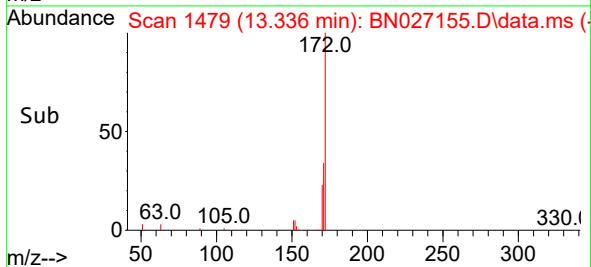
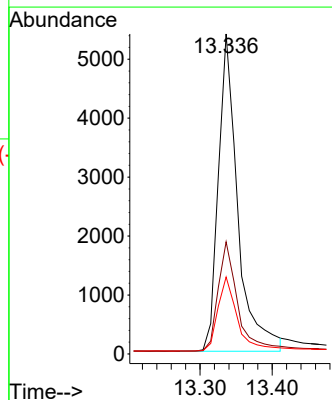
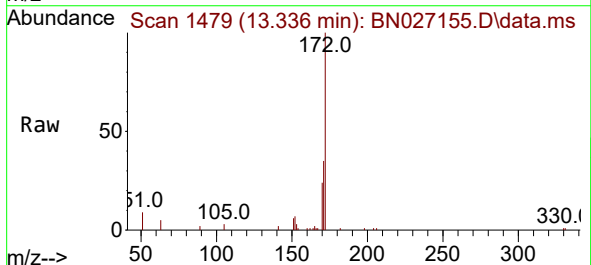


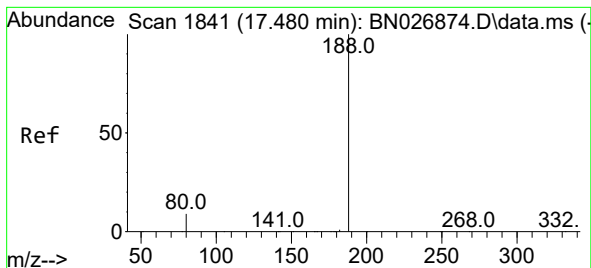
Tgt Ion:330 Resp: 1418
Ion Ratio Lower Upper
330 100
332 97.6 76.6 114.8
141 45.9 32.3 48.5



#15
2-Fluorobiphenyl
Concen: 0.323 ng
RT: 13.336 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BN027155.D
Acq: 26 Aug 2023 14:46

Tgt Ion:172 Resp: 10067
Ion Ratio Lower Upper
172 100
171 35.0 27.4 41.0
170 24.1 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: BN027155.D

Acq: 26 Aug 2023 14:46

Instrument :

BNA_N

ClientSampleId :

RE134D3-20230818

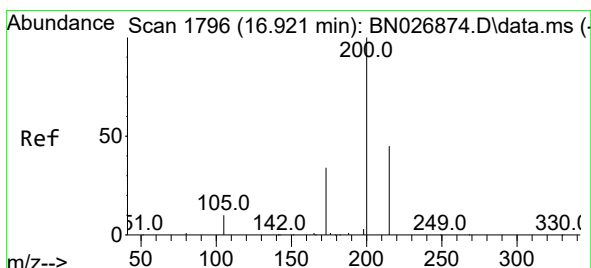
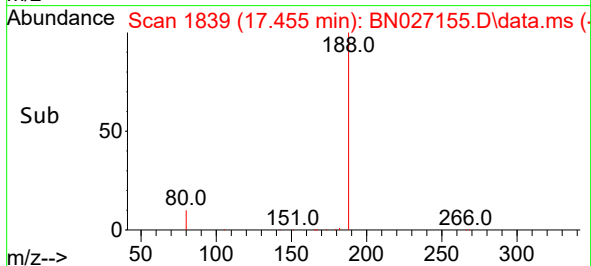
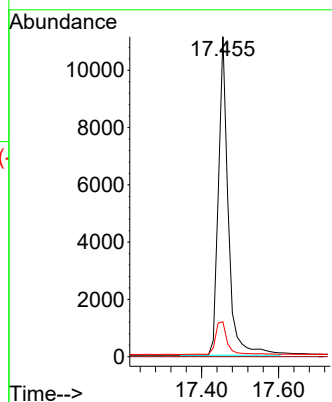
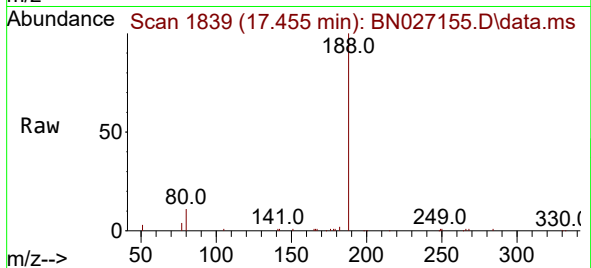
Tgt Ion:188 Resp: 19737

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.9 7.4 11.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.029 ng

RT: 16.909 min Scan# 1795

Delta R.T. 0.000 min

Lab File: BN027155.D

Acq: 26 Aug 2023 14:46

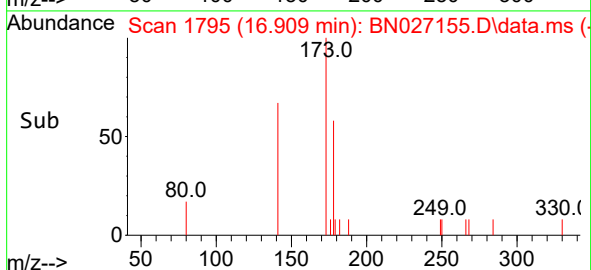
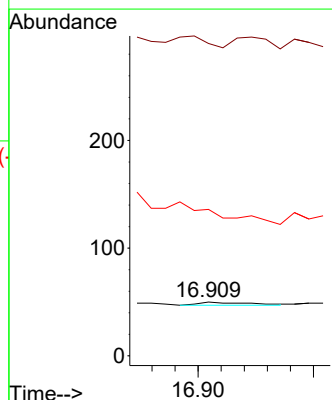
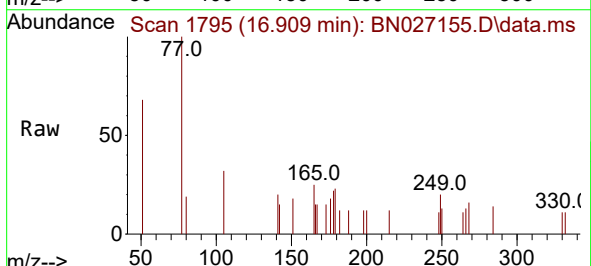
Tgt Ion:198 Resp: 9

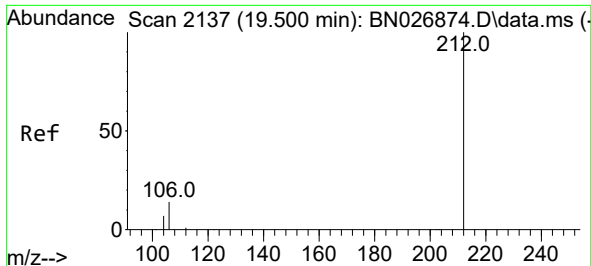
Ion Ratio Lower Upper

198 100

51 580.0 143.8 215.8#

105 272.0 273.5 410.3#

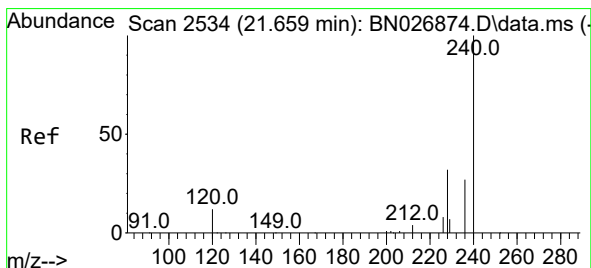
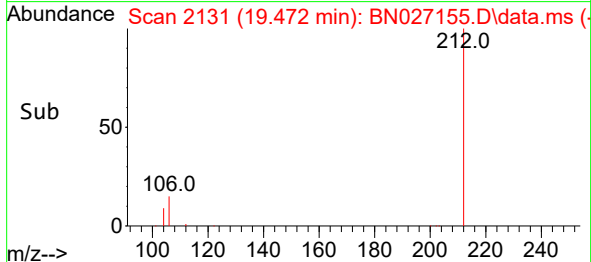
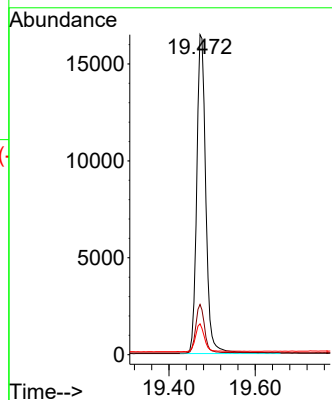
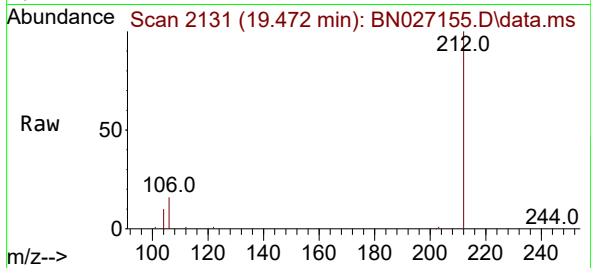




#27
Fluoranthene-d10
Concen: 0.477 ng
RT: 19.472 min Scan# 2131
Delta R.T. -0.005 min
Lab File: BN027155.D
Acq: 26 Aug 2023 14:46

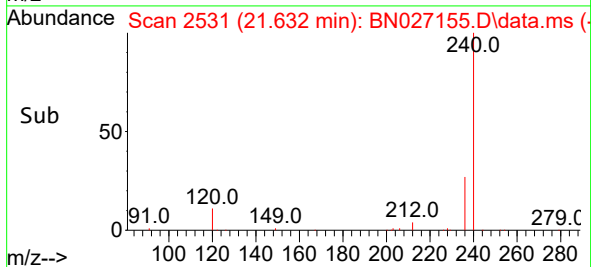
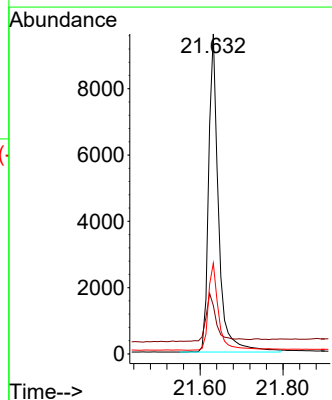
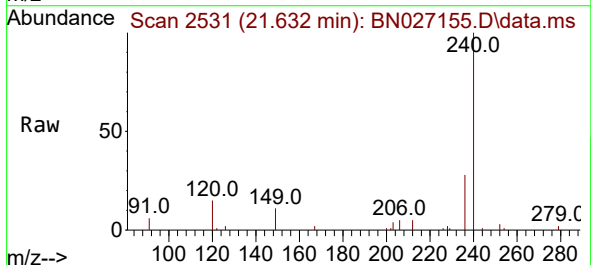
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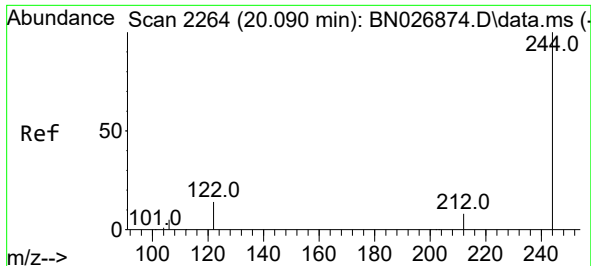
Tgt Ion:212 Resp: 24147
Ion Ratio Lower Upper
212 100
106 14.8 10.9 16.3
104 8.7 5.9 8.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.632 min Scan# 2531
Delta R.T. 0.000 min
Lab File: BN027155.D
Acq: 26 Aug 2023 14:46

Tgt Ion:240 Resp: 15974
Ion Ratio Lower Upper
240 100
120 15.1 11.1 16.7
236 28.3 22.2 33.2

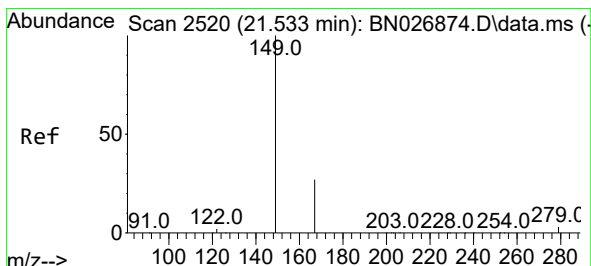
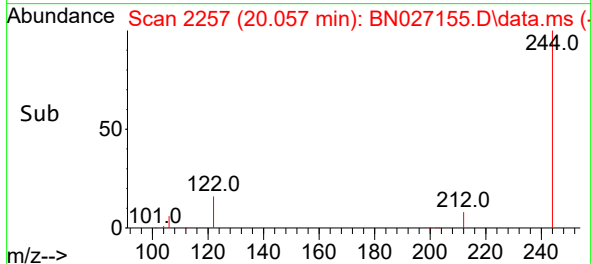
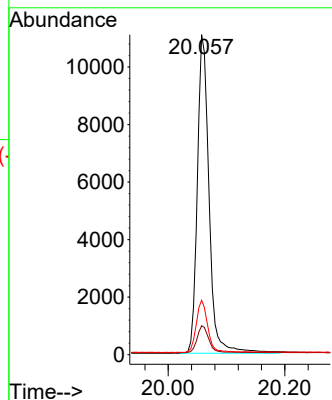
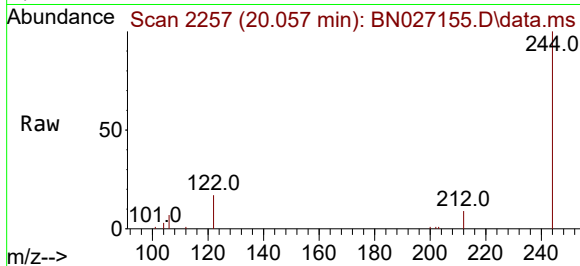




#31
 Terphenyl-d14
 Concen: 0.463 ng
 RT: 20.057 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN027155.D
 Acq: 26 Aug 2023 14:46

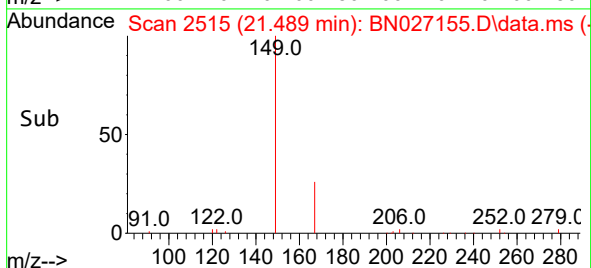
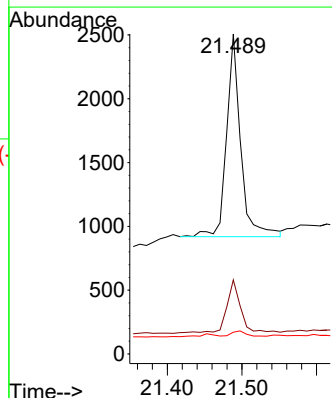
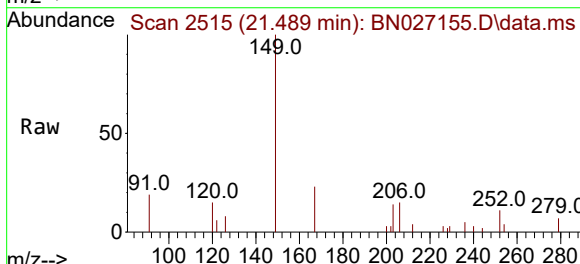
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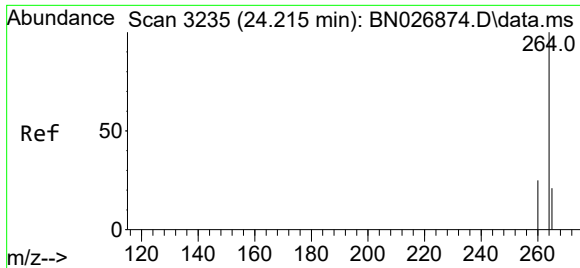
Tgt Ion:244 Resp: 15470
 Ion Ratio Lower Upper
 244 100
 212 9.0 6.9 10.3
 122 17.0 11.9 17.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.050 ng
 RT: 21.489 min Scan# 2515
 Delta R.T. -0.009 min
 Lab File: BN027155.D
 Acq: 26 Aug 2023 14:46

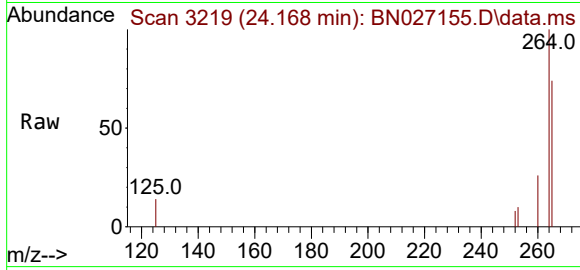
Tgt Ion:149 Resp: 2092
 Ion Ratio Lower Upper
 149 100
 167 25.0 21.4 32.0
 279 2.4 3.6 5.4#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.168 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: BN027155.D
 Acq: 26 Aug 2023 14:46

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20230818



Tgt Ion:264 Resp: 14837
 Ion Ratio Lower Upper
 264 100
 260 26.5 20.4 30.6
 265 73.6 27.0 40.6#

