

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027187.D
 Acq On : 27 Aug 2023 12:46
 Operator : MA/JU
 Sample : 04051-09
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE139D2-20230816

Quant Time: Aug 28 00:43:45 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)

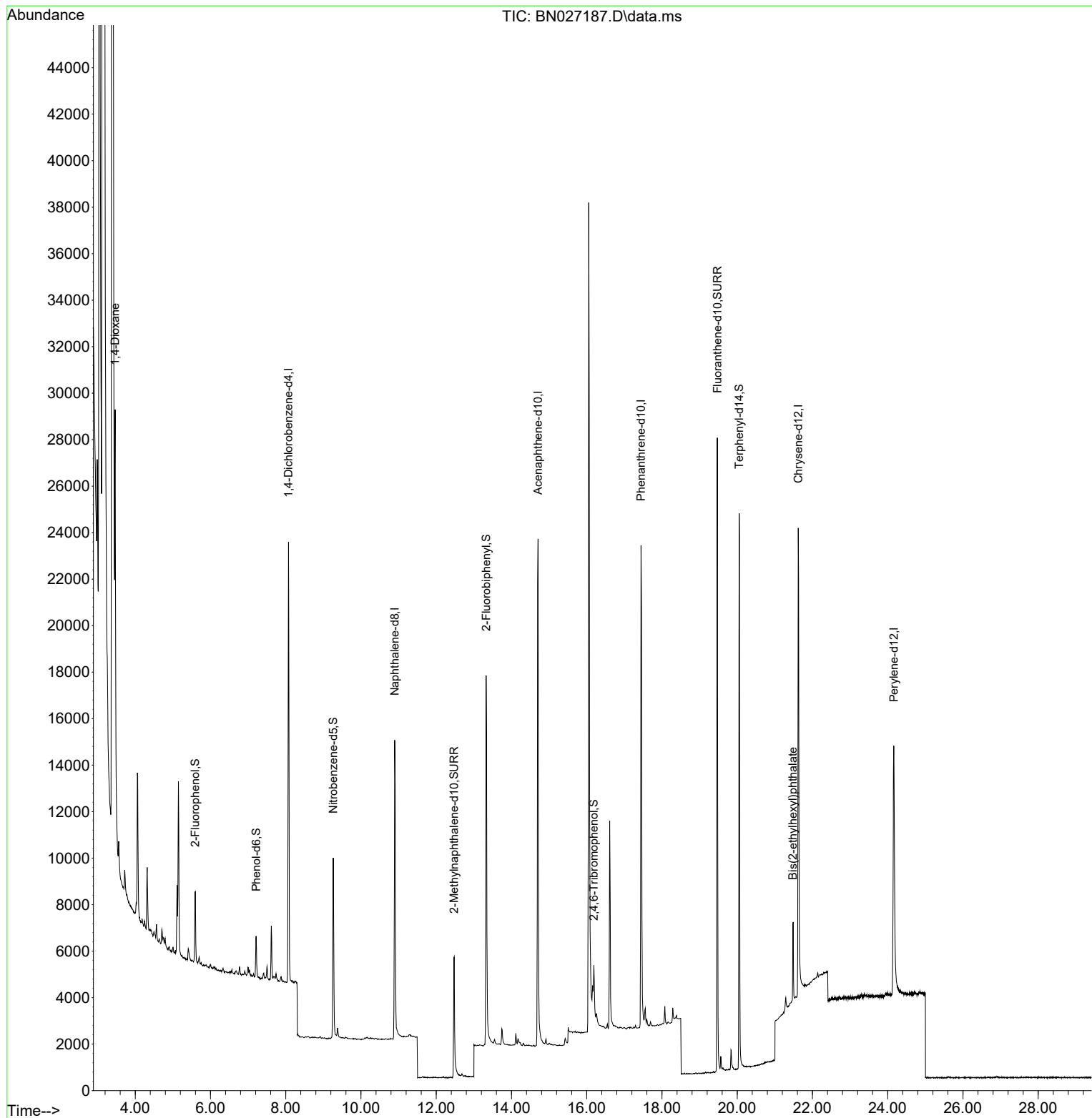
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	9403	0.400	ng	-0.01
7) Naphthalene-d8	10.895	136	19210	0.400	ng	#-0.01
13) Acenaphthene-d10	14.705	164	14434	0.400	ng	0.00
19) Phenanthrene-d10	17.443	188	33342	0.400	ng	#-0.01
29) Chrysene-d12	21.623	240	23923	0.400	ng	# 0.00
35) Perylene-d12	24.162	264	20522	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.596	112	2721	0.103	ng	0.00
5) Phenol-d6	7.214	99	1894	0.058	ng	0.00
8) Nitrobenzene-d5	9.262	82	6581	0.405	ng	-0.01
11) 2-Methylnaphthalene-d10	12.472	152	9152	0.300	ng	-0.01
14) 2,4,6-Tribromophenol	16.189	330	1361	0.177	ng	-0.01
15) 2-Fluorobiphenyl	13.326	172	16427	0.307	ng	-0.01
27) Fluoranthene-d10	19.472	212	30839	0.361	ng	0.00
31) Terphenyl-d14	20.053	244	24238	0.485	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.466	88	9605	0.950	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.480	149	3879	0.062	ng	98

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

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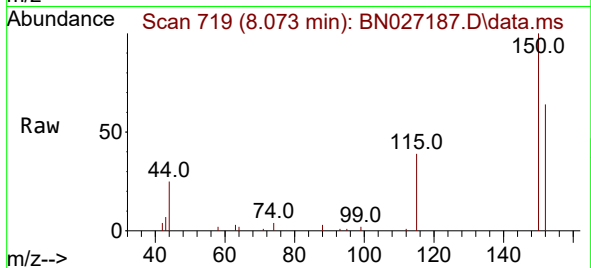
Quant Time: Aug 28 00:43:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
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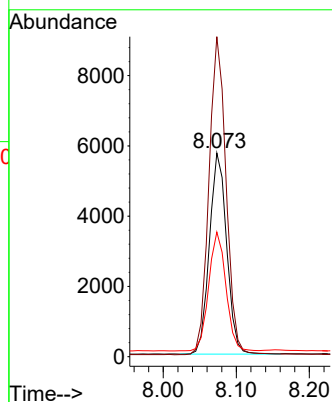
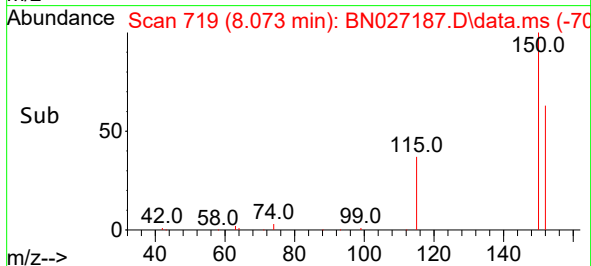


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.073 min Scan# 71
 Delta R.T. -0.015 min
 Lab File: BN027187.D
 Acq: 27 Aug 2023 12:46

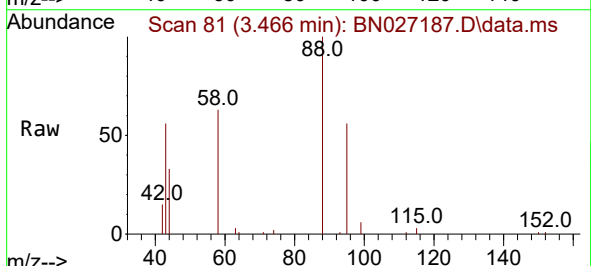
Instrument :
 BNA_N
 ClientSampleId :
 RE139D2-20230816



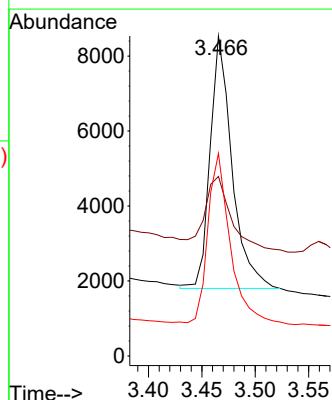
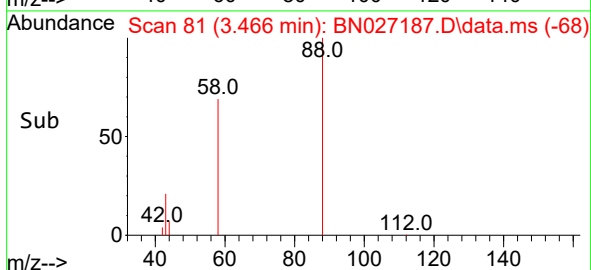
Tgt Ion:152 Resp: 9403
 Ion Ratio Lower Upper
 152 100
 150 157.1 123.8 185.6
 115 61.2 49.7 74.5



#2
 1,4-Dioxane
 Concen: 0.950 ng
 RT: 3.466 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BN027187.D
 Acq: 27 Aug 2023 12:46



Tgt Ion: 88 Resp: 9605
 Ion Ratio Lower Upper
 88 100
 43 34.2 19.2 28.8#
 58 66.9 54.5 81.7

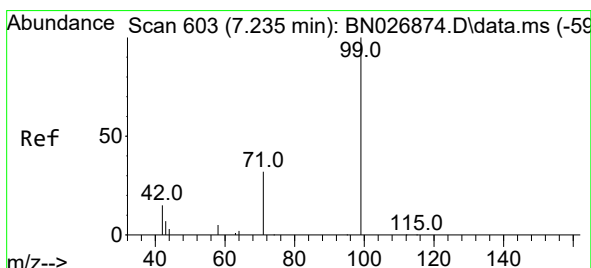
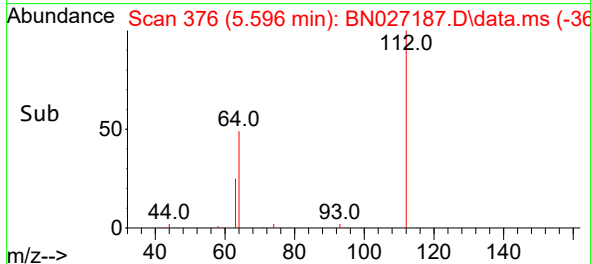
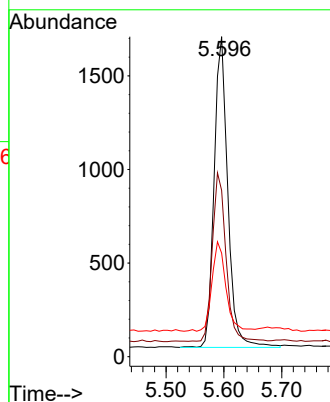
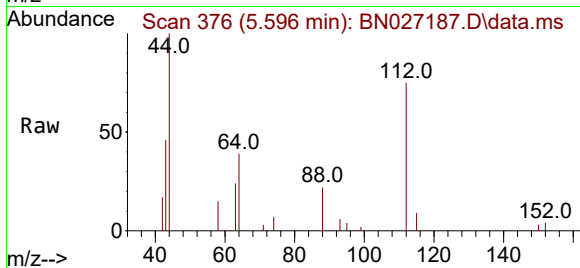




#4
2-Fluorophenol
Concen: 0.103 ng
RT: 5.596 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN027187.D
Acq: 27 Aug 2023 12:46

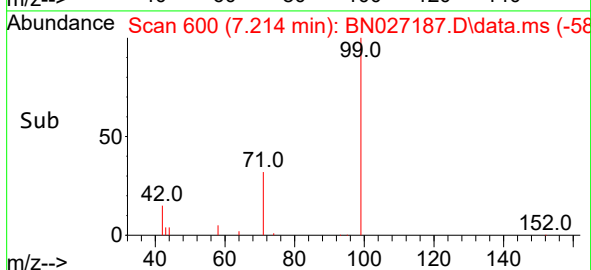
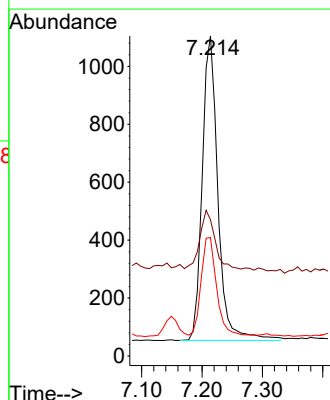
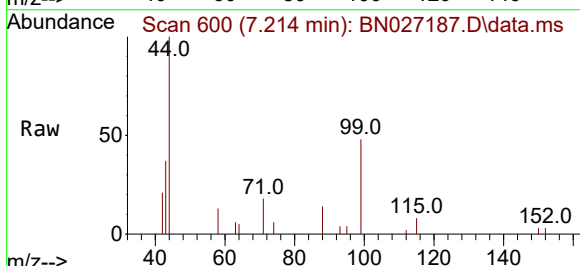
Instrument :
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RE139D2-20230816

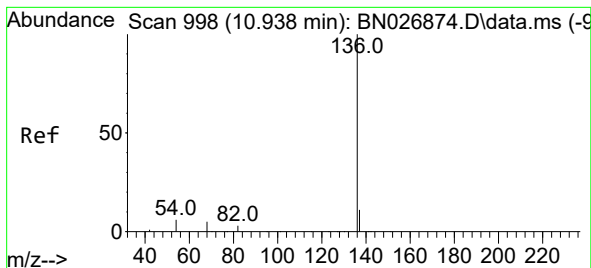
Tgt Ion:	112	Resp:	2721
Ion	Ratio	Lower	Upper
112	100		
64	54.3	41.5	62.3
63	29.6	21.7	32.5



#5
Phenol-d6
Concen: 0.058 ng
RT: 7.214 min Scan# 600
Delta R.T. -0.007 min
Lab File: BN027187.D
Acq: 27 Aug 2023 12:46

Tgt Ion:	99	Resp:	1894
Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.6	20.4
71	31.3	26.0	39.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.895 min Scan# 998

Delta R.T. -0.011 min

Lab File: BN027187.D

Acq: 27 Aug 2023 12:46

Instrument :

BNA_N

ClientSampleId :

RE139D2-20230816

Tgt Ion:136 Resp: 19210

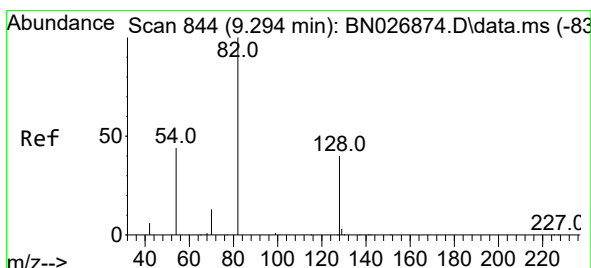
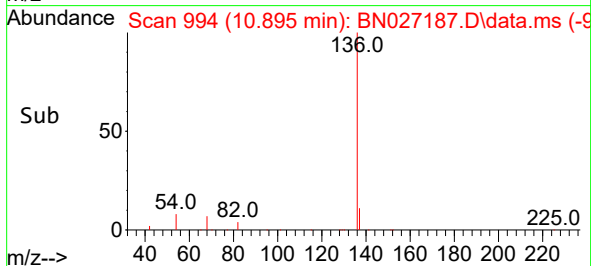
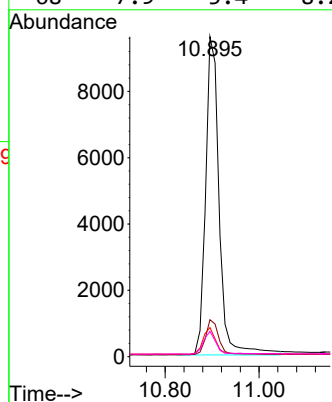
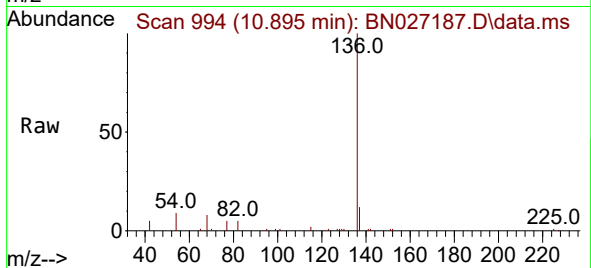
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.6

54 9.1 5.5 8.3

68 7.9 5.4 8.2



#8

Nitrobenzene-d5

Concen: 0.405 ng

RT: 9.262 min Scan# 841

Delta R.T. -0.011 min

Lab File: BN027187.D

Acq: 27 Aug 2023 12:46

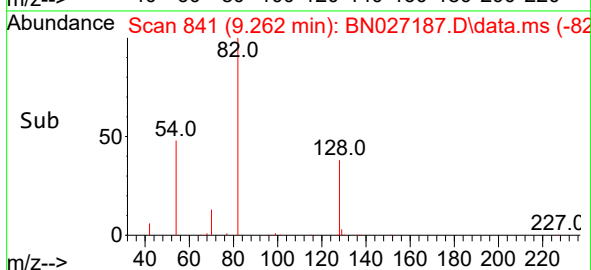
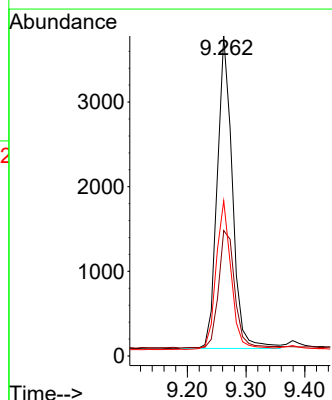
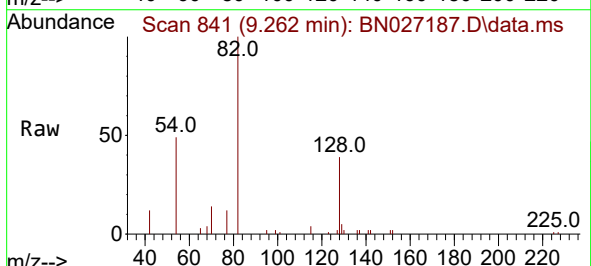
Tgt Ion: 82 Resp: 6581

Ion Ratio Lower Upper

82 100

128 39.2 34.1 51.1

54 48.5 37.0 55.4

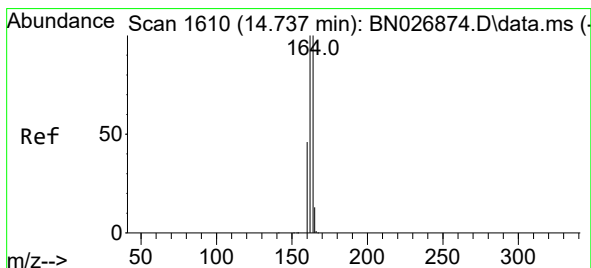
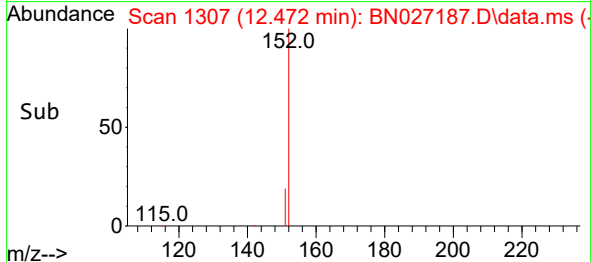
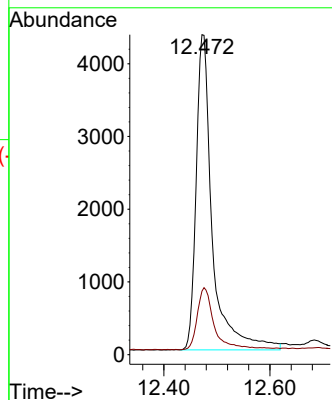
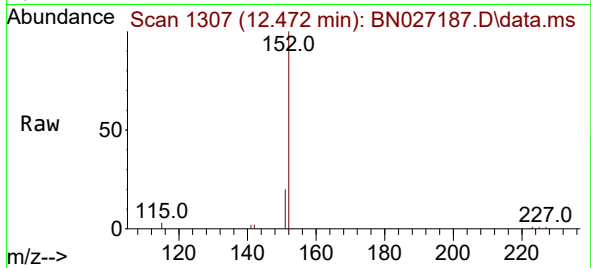




#11
2-Methylnaphthalene-d10
Concen: 0.300 ng
RT: 12.472 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN027187.D
Acq: 27 Aug 2023 12:46

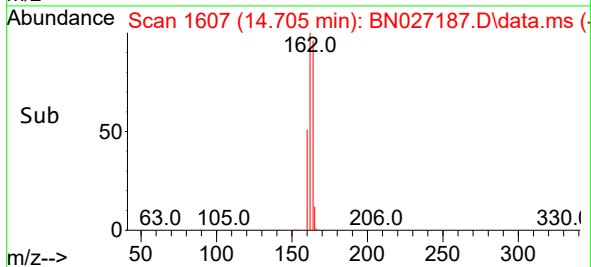
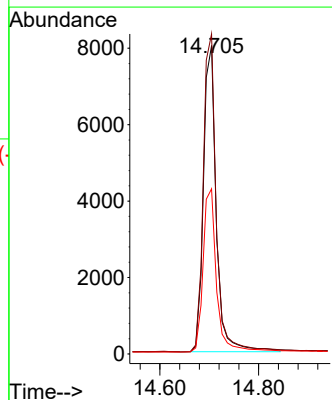
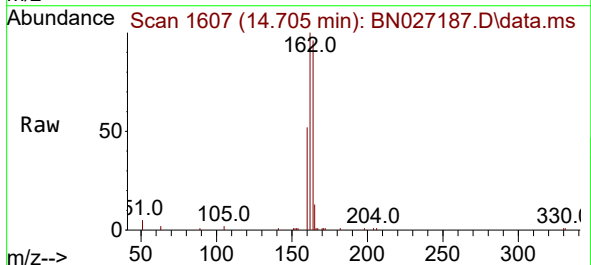
Instrument :
BNA_N
ClientSampleId :
RE139D2-20230816

Tgt Ion:152 Resp: 9152
Ion Ratio Lower Upper
152 100
151 20.6 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: BN027187.D
Acq: 27 Aug 2023 12:46

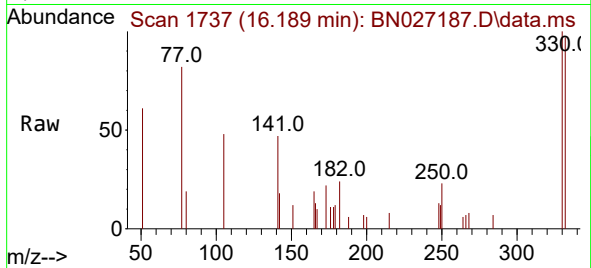
Tgt Ion:164 Resp: 14434
Ion Ratio Lower Upper
164 100
162 103.8 79.7 119.5
160 53.6 37.4 56.0



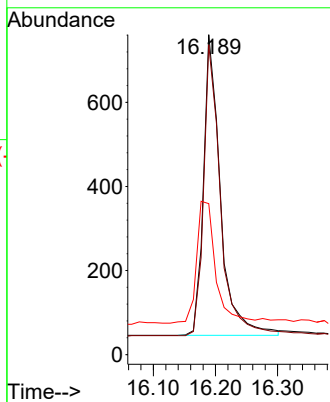
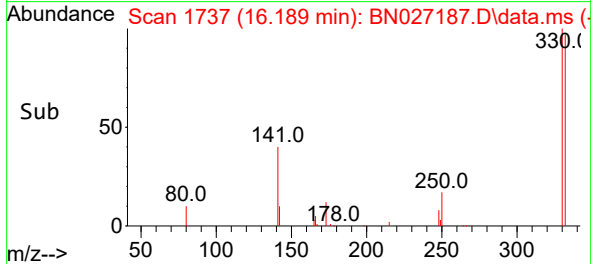


#14
2,4,6-Tribromophenol
Concen: 0.177 ng
RT: 16.189 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN027187.D
Acq: 27 Aug 2023 12:46

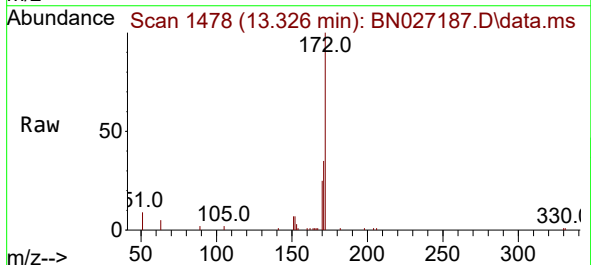
Instrument :
BNA_N
ClientSampleId :
RE139D2-20230816



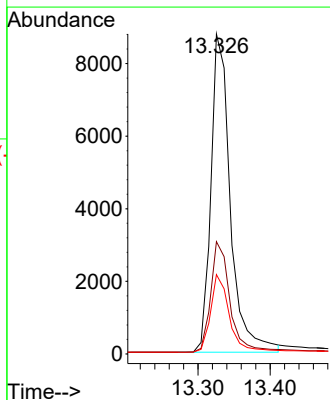
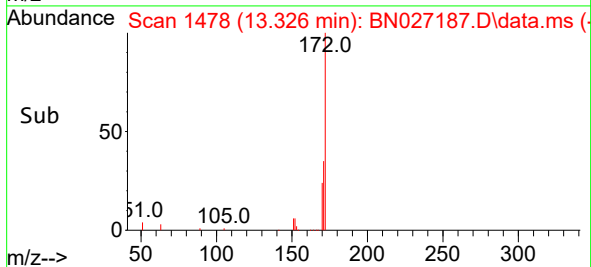
Tgt Ion: 330 Resp: 1361
Ion Ratio Lower Upper
330 100
332 96.0 76.6 114.8
141 45.1 32.3 48.5

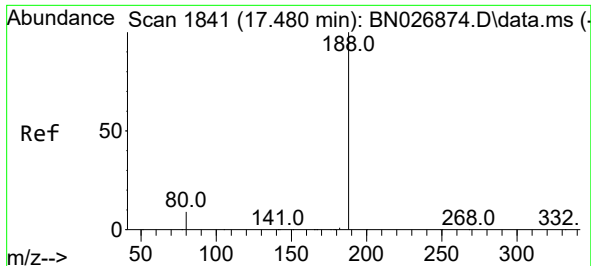


#15
2-Fluorobiphenyl
Concen: 0.307 ng
RT: 13.326 min Scan# 1478
Delta R.T. -0.011 min
Lab File: BN027187.D
Acq: 27 Aug 2023 12:46



Tgt Ion: 172 Resp: 16427
Ion Ratio Lower Upper
172 100
171 35.1 27.4 41.0
170 24.8 18.0 27.0

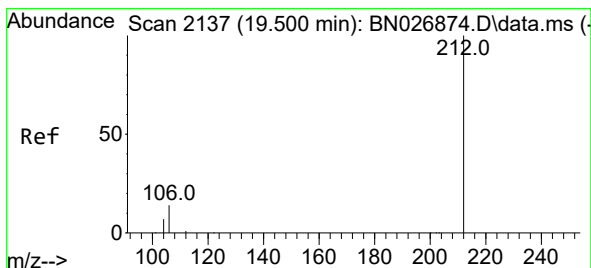
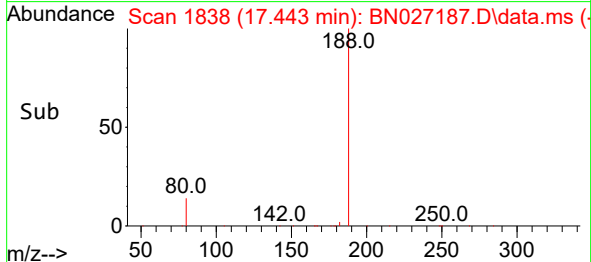
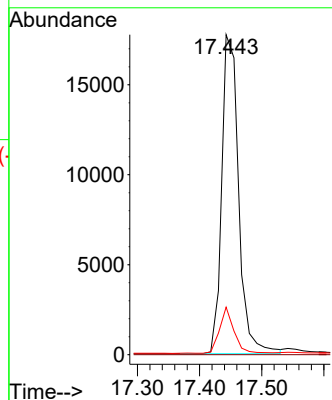
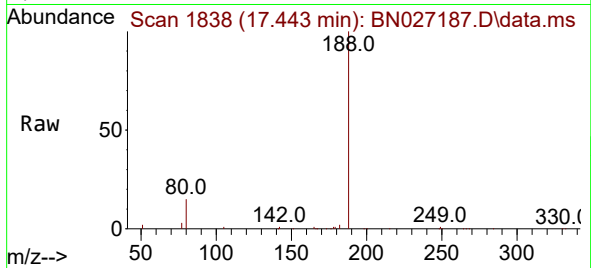




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.443 min Scan# 1838
Delta R.T. -0.012 min
Lab File: BN027187.D
Acq: 27 Aug 2023 12:46

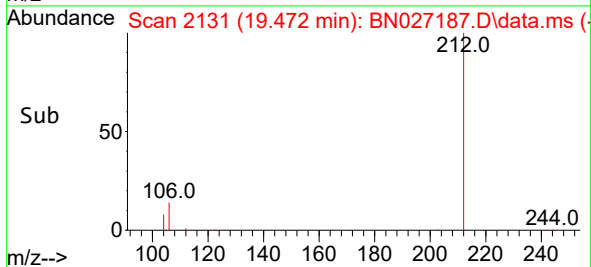
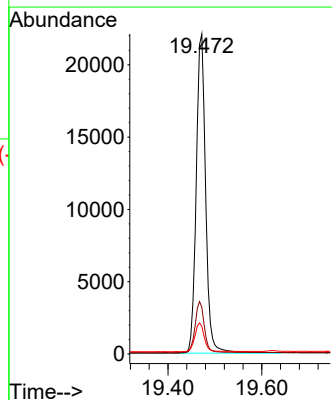
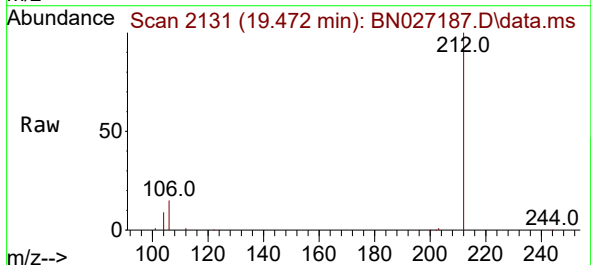
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BNA_N
ClientSampleId :
RE139D2-20230816

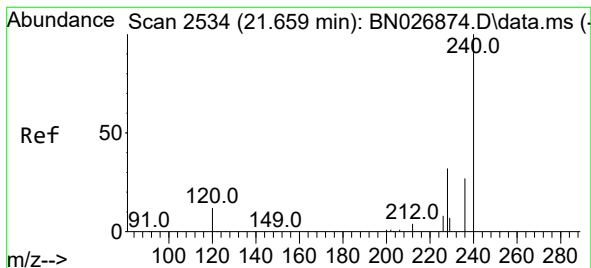
Tgt Ion:188 Resp: 33342
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.9 7.4 11.2#



#27
Fluoranthene-d10
Concen: 0.361 ng
RT: 19.472 min Scan# 2131
Delta R.T. -0.005 min
Lab File: BN027187.D
Acq: 27 Aug 2023 12:46

Tgt Ion:212 Resp: 30839
Ion Ratio Lower Upper
212 100
106 15.6 10.9 16.3
104 9.1 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: BN027187.D

Acq: 27 Aug 2023 12:46

Instrument :

BNA_N

ClientSampleId :

RE139D2-20230816

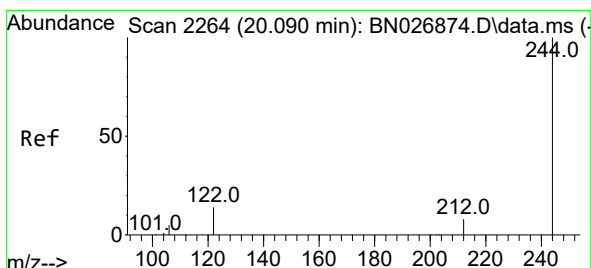
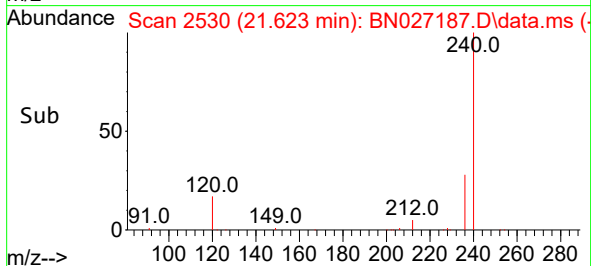
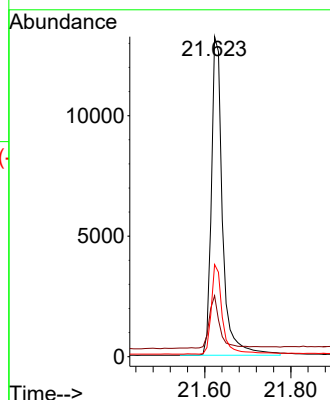
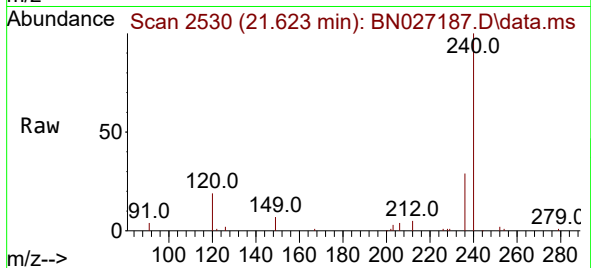
Tgt Ion:240 Resp: 23923

Ion Ratio Lower Upper

240 100

120 19.1 11.1 16.7#

236 28.8 22.2 33.2



#31

Terphenyl-d14

Concen: 0.485 ng

RT: 20.053 min Scan# 2256

Delta R.T. -0.009 min

Lab File: BN027187.D

Acq: 27 Aug 2023 12:46

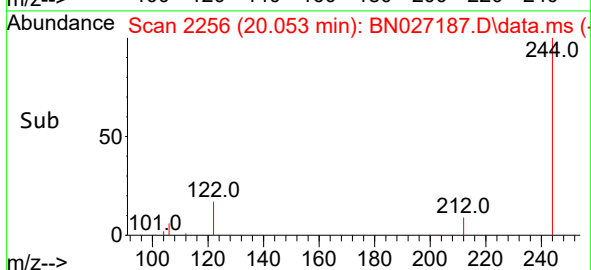
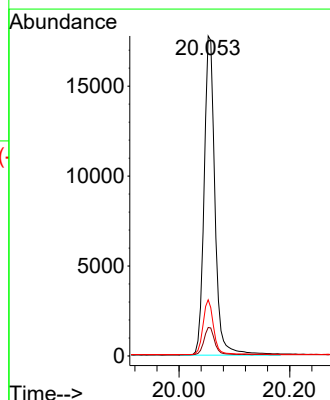
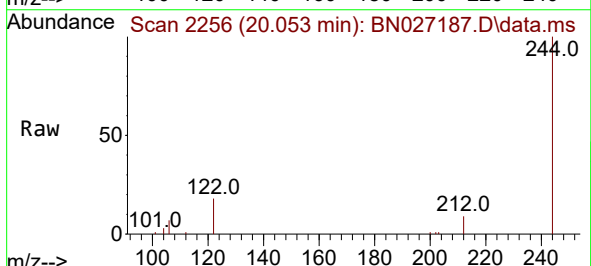
Tgt Ion:244 Resp: 24238

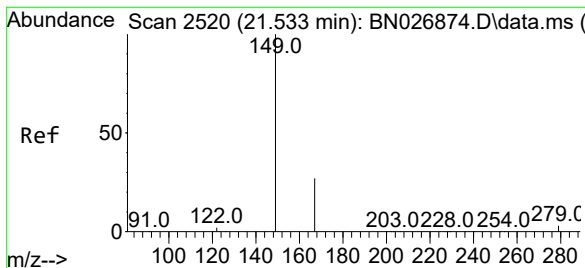
Ion Ratio Lower Upper

244 100

212 8.9 6.9 10.3

122 17.6 11.9 17.9

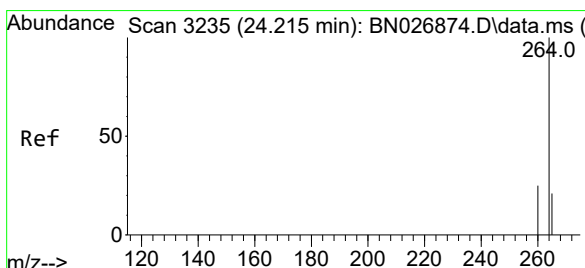
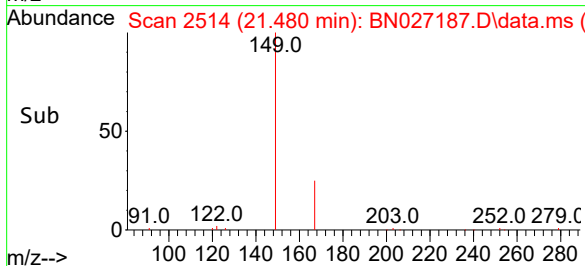
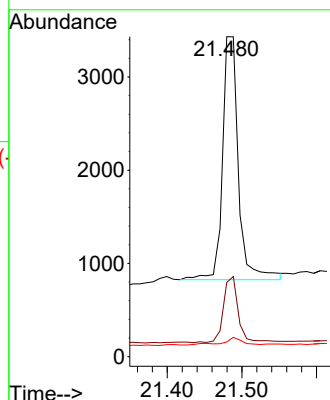
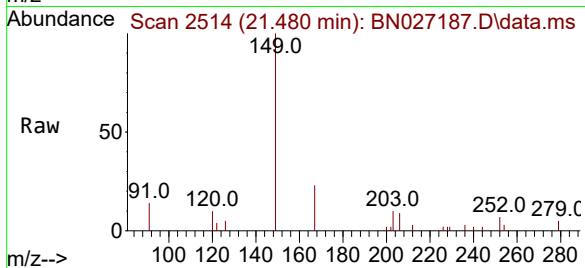




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.062 ng
 RT: 21.480 min Scan# 2148
 Delta R.T. -0.018 min
 Lab File: BN027187.D
 Acq: 27 Aug 2023 12:46

Instrument :
 BNA_N
 ClientSampleId :
 RE139D2-20230816

Tgt Ion:149 Resp: 3879
 Ion Ratio Lower Upper
 149 100
 167 25.4 21.4 32.0
 279 3.6 3.6 5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.162 min Scan# 3217
 Delta R.T. -0.009 min
 Lab File: BN027187.D
 Acq: 27 Aug 2023 12:46

Tgt Ion:264 Resp: 20522
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.4 30.6
 265 53.7 27.0 40.6#

