

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027188.D
 Acq On : 27 Aug 2023 13:23
 Operator : MA/JU
 Sample : 04051-08
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20230816

Quant Time: Aug 28 00:43:54 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)

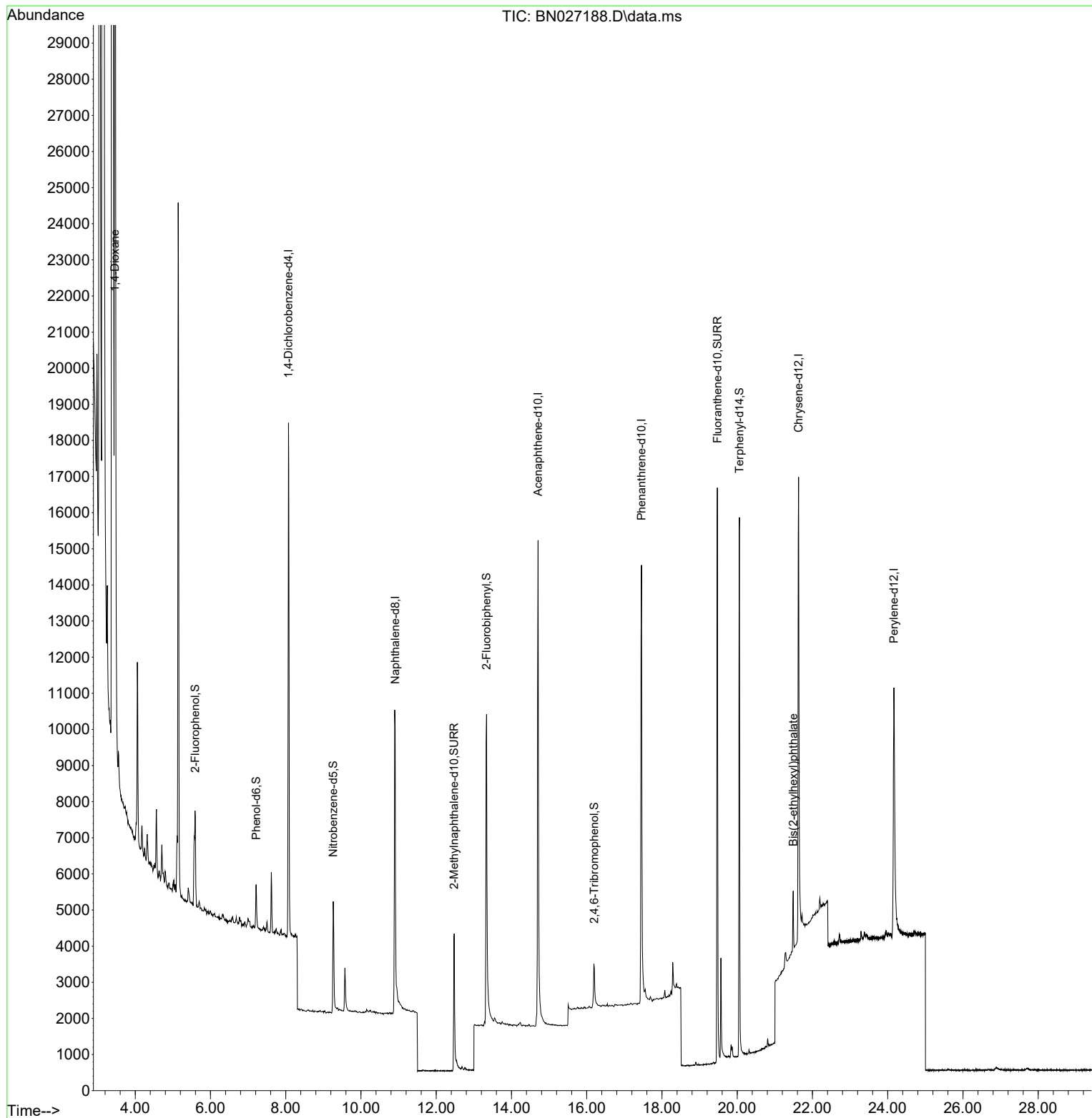
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	6564	0.400	ng	-0.01
7) Naphthalene-d8	10.906	136	14490	0.400	ng	0.00
13) Acenaphthene-d10	14.705	164	9505	0.400	ng	0.00
19) Phenanthrene-d10	17.455	188	21520	0.400	ng	0.00
29) Chrysene-d12	21.632	240	16055	0.400	ng	0.00
35) Perylene-d12	24.165	264	13580	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.596	112	2152	0.116	ng	0.00
5) Phenol-d6	7.214	99	1363	0.060	ng	0.00
8) Nitrobenzene-d5	9.262	82	3270	0.267	ng	-0.01
11) 2-Methylnaphthalene-d10	12.475	152	6617	0.287	ng	0.00
14) 2,4,6-Tribromophenol	16.201	330	915	0.181	ng	0.00
15) 2-Fluorobiphenyl	13.336	172	10458	0.296	ng	0.00
27) Fluoranthene-d10	19.472	212	18831	0.341	ng	0.00
31) Terphenyl-d14	20.057	244	15632	0.466	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.458	88	62709	8.884	ng	97
34) Bis(2-ethylhexyl)phtha...	21.488	149	1822	0.044	ng	# 97

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

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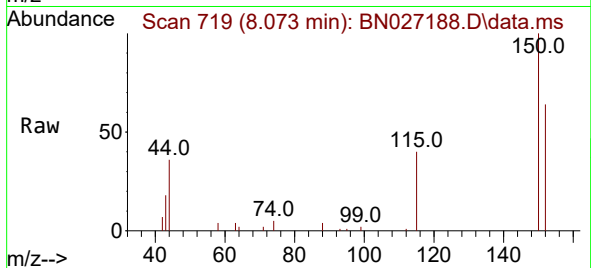
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
Response via : Initial Calibration



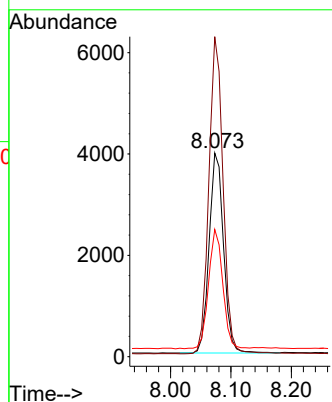
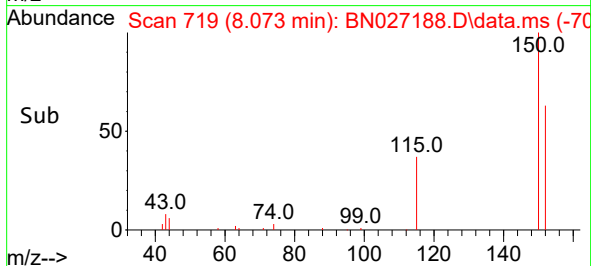


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.073 min Scan# 71
 Delta R.T. -0.015 min
 Lab File: BN027188.D
 Acq: 27 Aug 2023 13:23

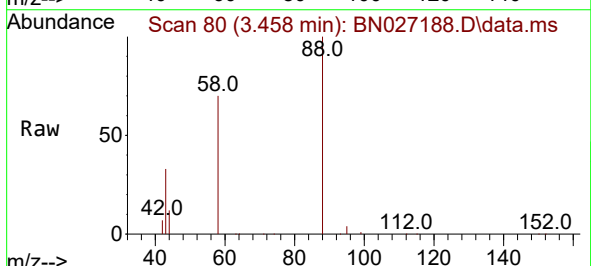
Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20230816



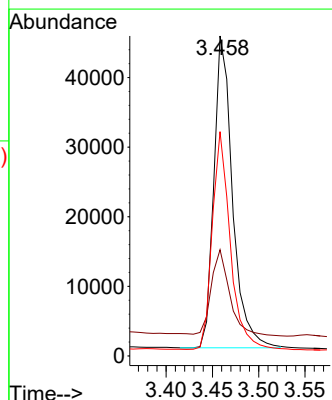
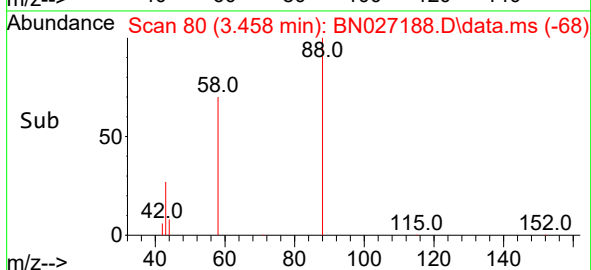
Tgt Ion:152 Resp: 6564
 Ion Ratio Lower Upper
 152 100
 150 157.1 123.8 185.6
 115 62.5 49.7 74.5



#2
 1,4-Dioxane
 Concen: 8.884 ng
 RT: 3.458 min Scan# 80
 Delta R.T. -0.014 min
 Lab File: BN027188.D
 Acq: 27 Aug 2023 13:23



Tgt Ion: 88 Resp: 62709
 Ion Ratio Lower Upper
 88 100
 43 27.5 19.2 28.8
 58 67.4 54.5 81.7

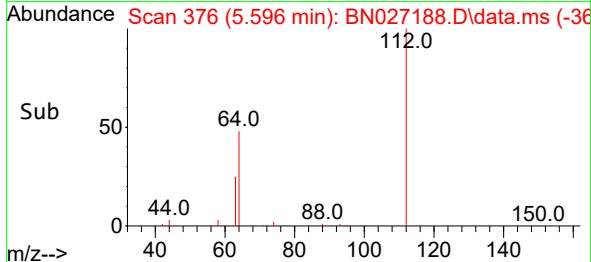
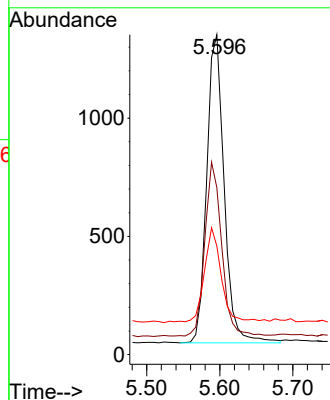
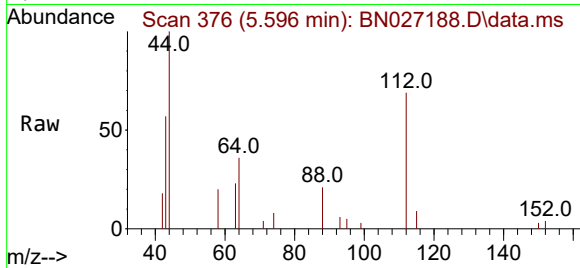




#4
2-Fluorophenol
Concen: 0.116 ng
RT: 5.596 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN027188.D
Acq: 27 Aug 2023 13:23

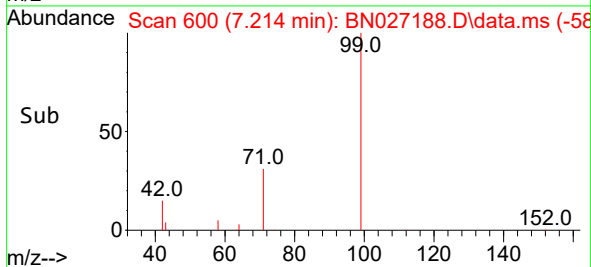
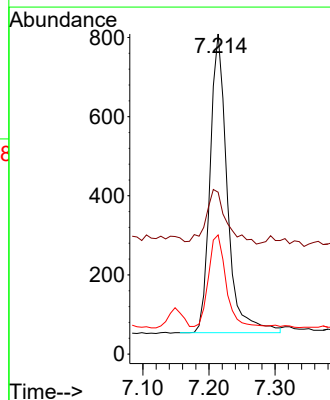
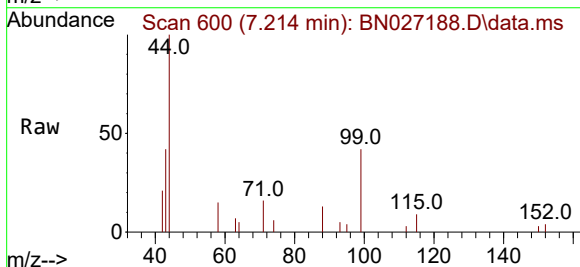
Instrument :
BNA_N
ClientSampleId :
RE125D2-20230816

Tgt Ion:112 Resp: 2152
Ion Ratio Lower Upper
112 100
64 54.5 41.5 62.3
63 30.8 21.7 32.5



#5
Phenol-d6
Concen: 0.060 ng
RT: 7.214 min Scan# 600
Delta R.T. -0.007 min
Lab File: BN027188.D
Acq: 27 Aug 2023 13:23

Tgt Ion: 99 Resp: 1363
Ion Ratio Lower Upper
99 100
42 21.6 13.6 20.4#
71 30.9 26.0 39.0

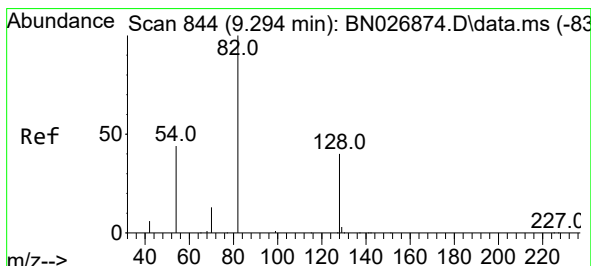
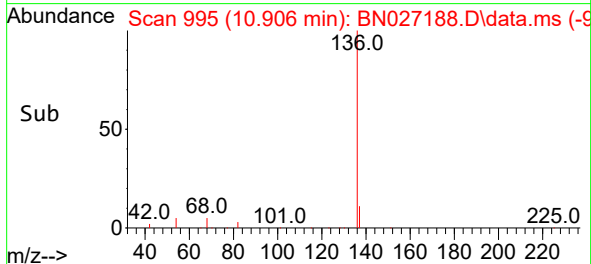
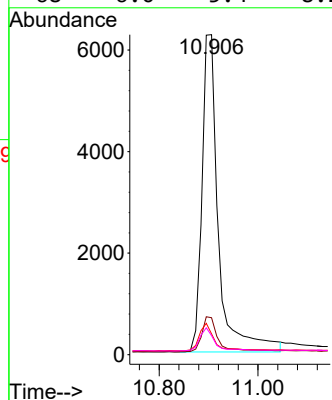
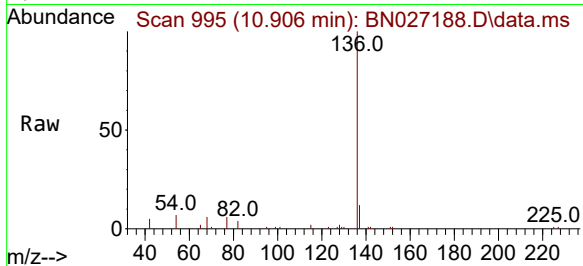




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.906 min Scan# 998
Delta R.T. -0.000 min
Lab File: BN027188.D
Acq: 27 Aug 2023 13:23

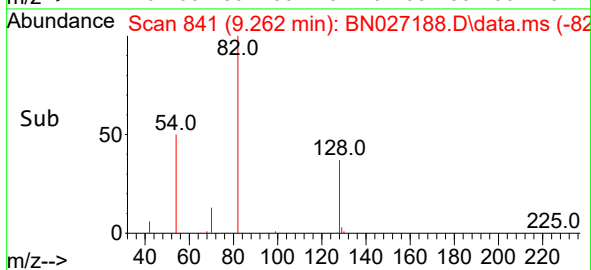
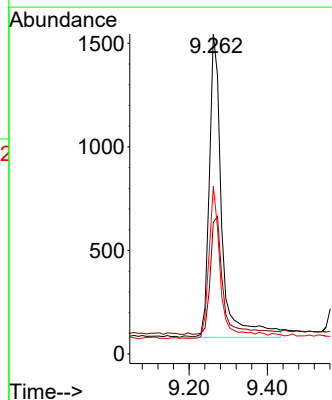
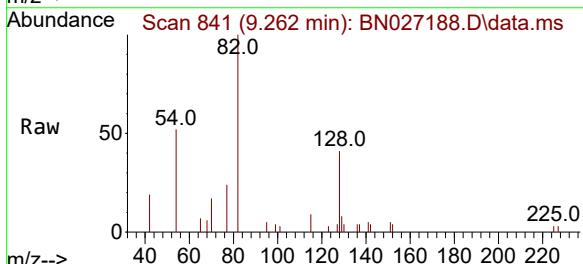
Instrument :
BNA_N
ClientSampleId :
RE125D2-20230816

Tgt Ion:	136	Resp:	14490
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	6.5	5.5	8.3
68	6.0	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.267 ng
RT: 9.262 min Scan# 841
Delta R.T. -0.011 min
Lab File: BN027188.D
Acq: 27 Aug 2023 13:23

Tgt Ion:	82	Resp:	3270
Ion	Ratio	Lower	Upper
82	100		
128	41.2	34.1	51.1
54	52.4	37.0	55.4

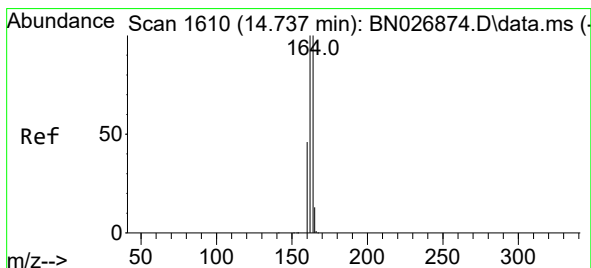
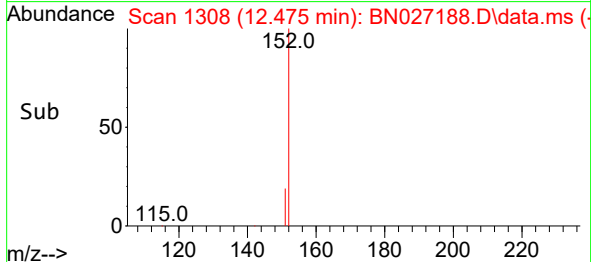
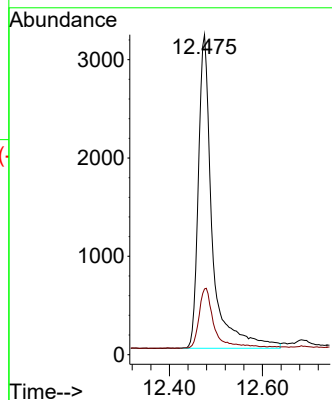
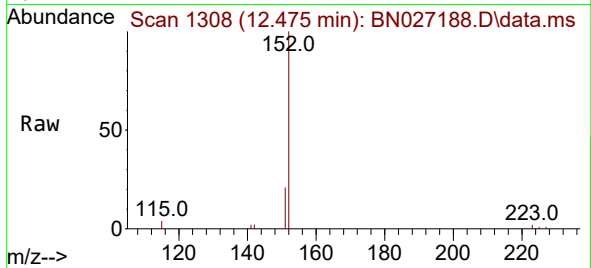




#11
2-Methylnaphthalene-d10
Concen: 0.287 ng
RT: 12.475 min Scan# 11
Delta R.T. -0.008 min
Lab File: BN027188.D
Acq: 27 Aug 2023 13:23

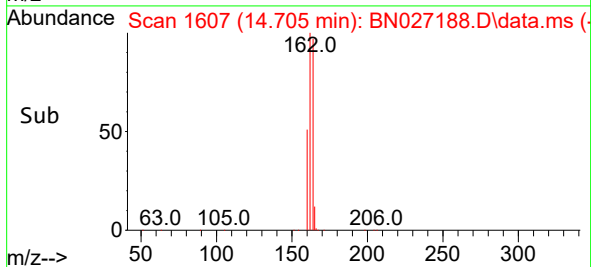
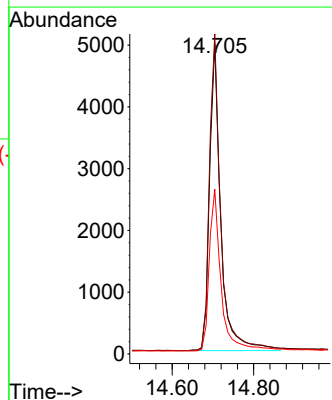
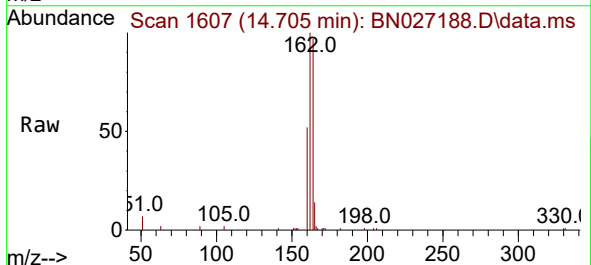
Instrument :
BNA_N
ClientSampleId :
RE125D2-20230816

Tgt Ion:152 Resp: 6617
Ion Ratio Lower Upper
152 100
151 19.9 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: BN027188.D
Acq: 27 Aug 2023 13:23

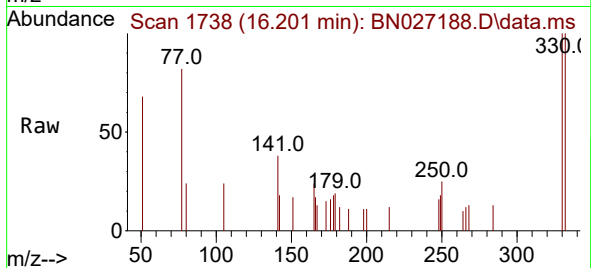
Tgt Ion:164 Resp: 9505
Ion Ratio Lower Upper
164 100
162 103.1 79.7 119.5
160 53.1 37.4 56.0



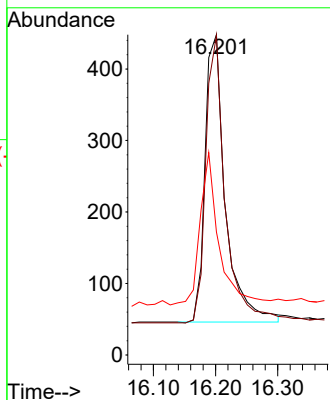
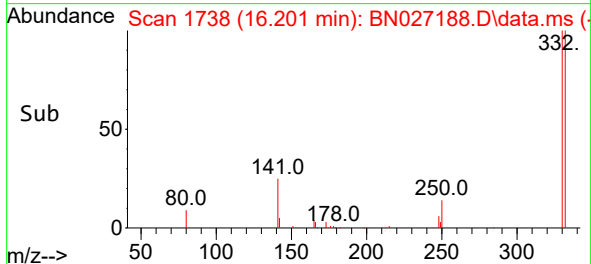


#14
2,4,6-Tribromophenol
Concen: 0.181 ng
RT: 16.201 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027188.D
Acq: 27 Aug 2023 13:23

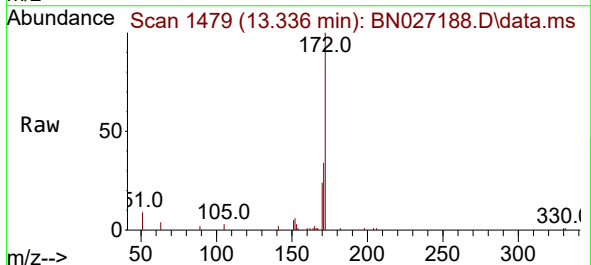
Instrument :
BNA_N
ClientSampleId :
RE125D2-20230816



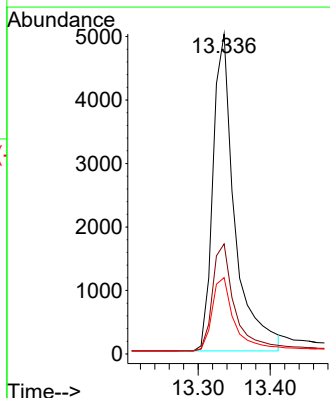
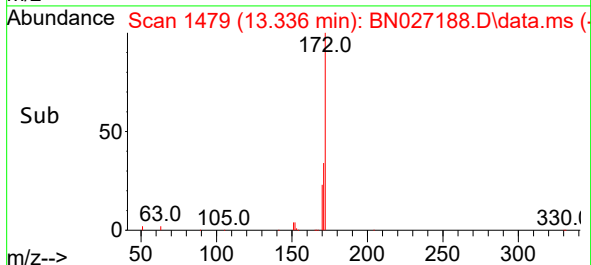
Tgt Ion:330 Resp: 915
Ion Ratio Lower Upper
330 100
332 96.2 76.6 114.8
141 49.2 32.3 48.5#

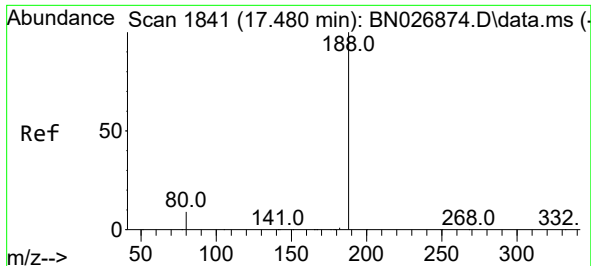


#15
2-Fluorobiphenyl
Concen: 0.296 ng
RT: 13.336 min Scan# 1479
Delta R.T. -0.000 min
Lab File: BN027188.D
Acq: 27 Aug 2023 13:23



Tgt Ion:172 Resp: 10458
Ion Ratio Lower Upper
172 100
171 34.4 27.4 41.0
170 23.8 18.0 27.0

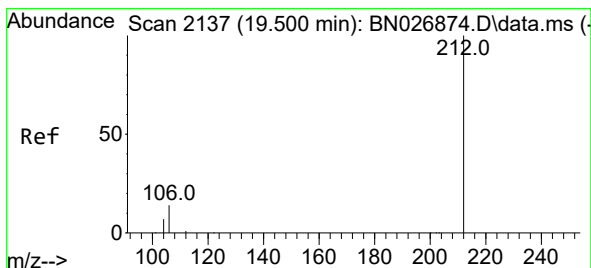
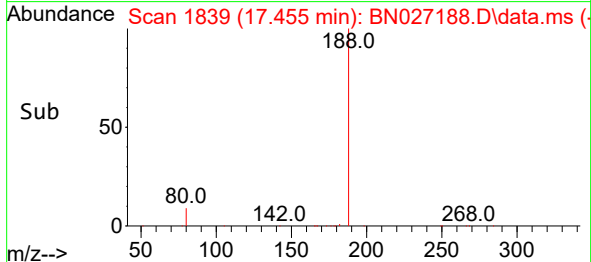
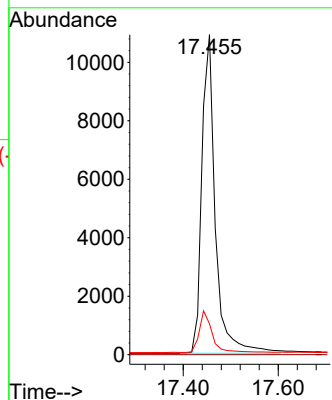
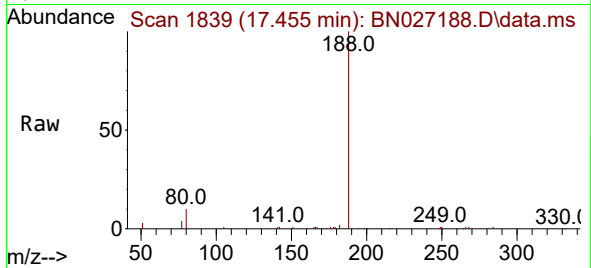




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.455 min Scan# 1839
Delta R.T. -0.000 min
Lab File: BN027188.D
Acq: 27 Aug 2023 13:23

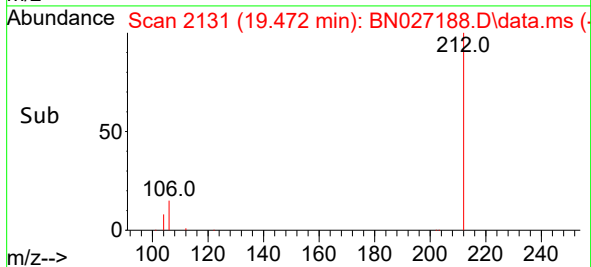
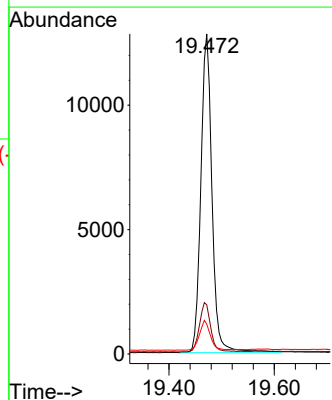
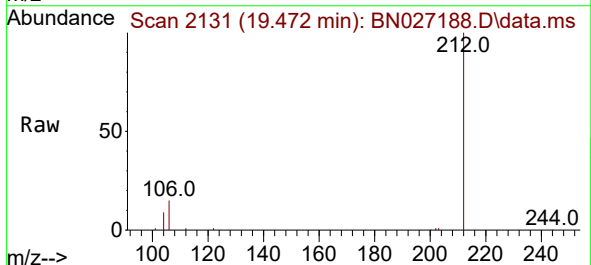
Instrument :
BNA_N
ClientSampleId :
RE125D2-20230816

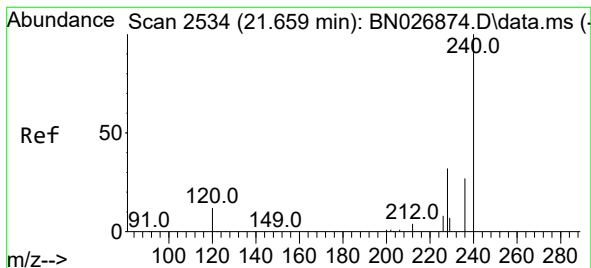
Tgt Ion:188 Resp: 21520
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.6 7.4 11.2



#27
Fluoranthene-d10
Concen: 0.341 ng
RT: 19.472 min Scan# 2131
Delta R.T. -0.005 min
Lab File: BN027188.D
Acq: 27 Aug 2023 13:23

Tgt Ion:212 Resp: 18831
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: 21.632 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN027188.D

Acq: 27 Aug 2023 13:23

Instrument :

BNA_N

ClientSampleId :

RE125D2-20230816

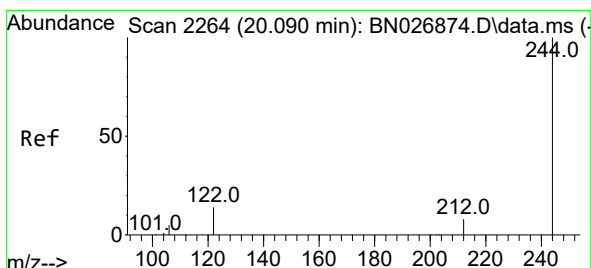
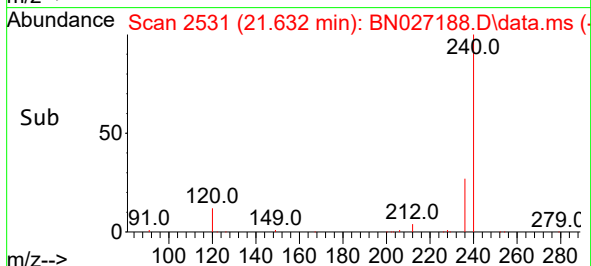
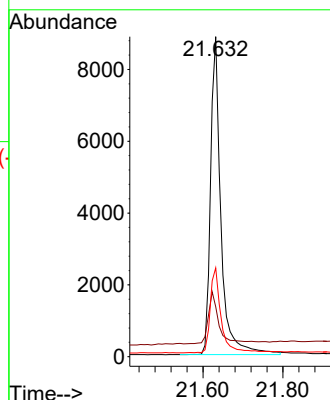
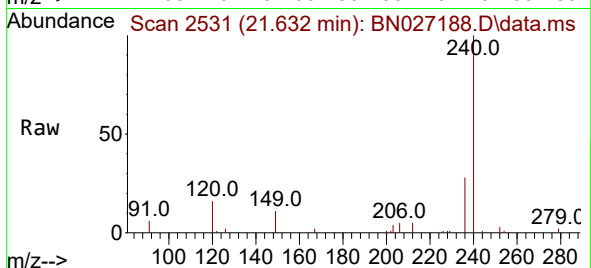
Tgt Ion:240 Resp: 16055

Ion Ratio Lower Upper

240 100

120 15.6 11.1 16.7

236 27.7 22.2 33.2



#31

Terphenyl-d14

Concen: 0.466 ng

RT: 20.057 min Scan# 2257

Delta R.T. -0.005 min

Lab File: BN027188.D

Acq: 27 Aug 2023 13:23

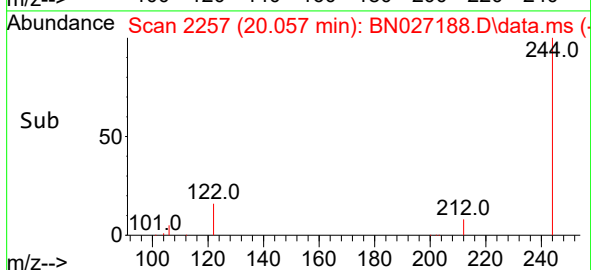
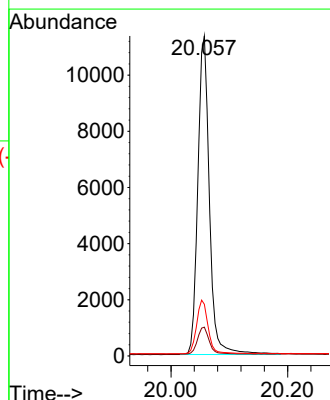
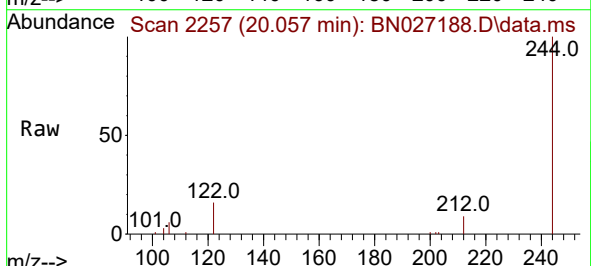
Tgt Ion:244 Resp: 15632

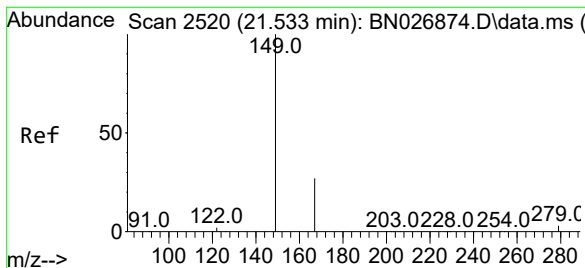
Ion Ratio Lower Upper

244 100

212 9.0 6.9 10.3

122 16.1 11.9 17.9

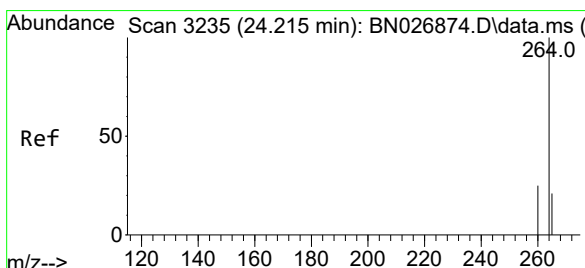
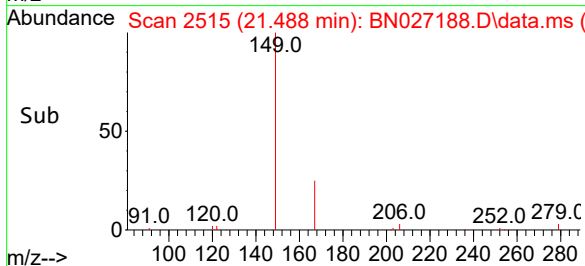
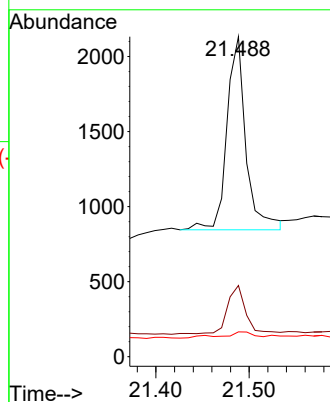
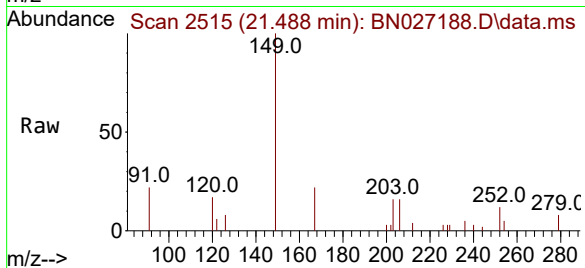




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.044 ng
 RT: 21.488 min Scan# 211
 Delta R.T. -0.009 min
 Lab File: BN027188.D
 Acq: 27 Aug 2023 13:23

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20230816

Tgt Ion:149 Resp: 1822
 Ion Ratio Lower Upper
 149 100
 167 25.2 21.4 32.0
 279 2.9 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: BN027188.D
 Acq: 27 Aug 2023 13:23

Tgt Ion:264 Resp: 13580
 Ion Ratio Lower Upper
 264 100
 260 26.4 20.4 30.6
 265 75.0 27.0 40.6#

