

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027186.D
 Acq On : 27 Aug 2023 12:10
 Operator : MA/JU
 Sample : 04051-10
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20230816

Quant Time: Aug 28 00:43:36 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)

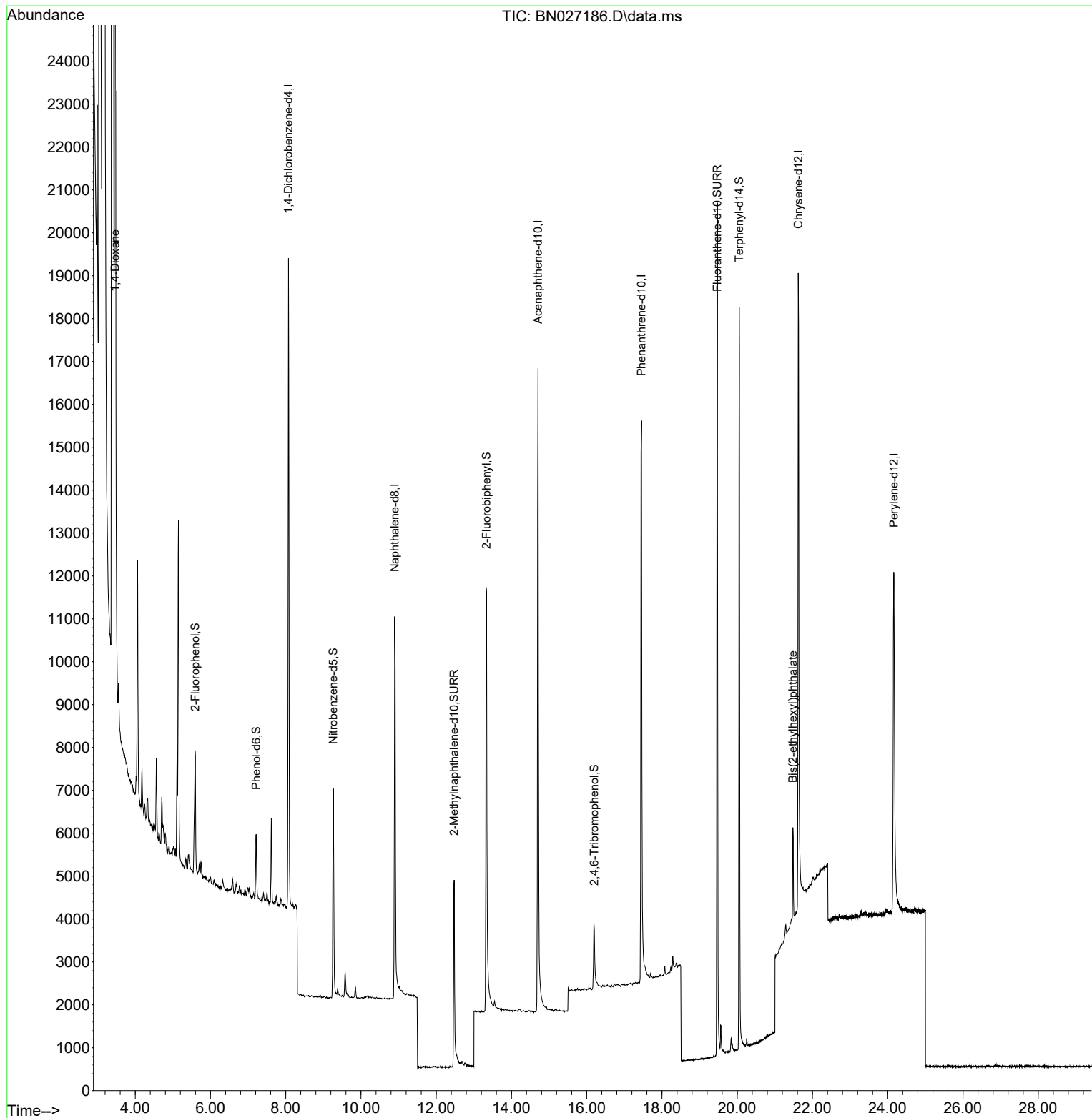
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	7214	0.400	ng	-0.01
7) Naphthalene-d8	10.895	136	14224	0.400	ng	#-0.01
13) Acenaphthene-d10	14.705	164	10595	0.400	ng	0.00
19) Phenanthrene-d10	17.455	188	24729	0.400	ng	0.00
29) Chrysene-d12	21.623	240	18427	0.400	ng	# 0.00
35) Perylene-d12	24.162	264	15439	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.596	112	2379	0.117	ng	0.00
5) Phenol-d6	7.214	99	1619	0.064	ng	0.00
8) Nitrobenzene-d5	9.262	82	4385	0.365	ng	-0.01
11) 2-Methylnaphthalene-d10	12.476	152	7645	0.338	ng	0.00
14) 2,4,6-Tribromophenol	16.202	330	1177	0.209	ng	0.00
15) 2-Fluorobiphenyl	13.336	172	12025	0.306	ng	0.00
27) Fluoranthene-d10	19.467	212	23538	0.371	ng	0.00
31) Terphenyl-d14	20.053	244	18059	0.469	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.466	88	39312	5.067	ng	98
34) Bis(2-ethylhexyl)phtha...	21.480	149	2535	0.053	ng	# 95

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

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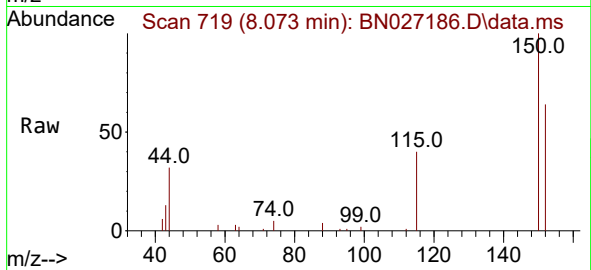
Quant Time: Aug 28 00:43:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
Response via : Initial Calibration



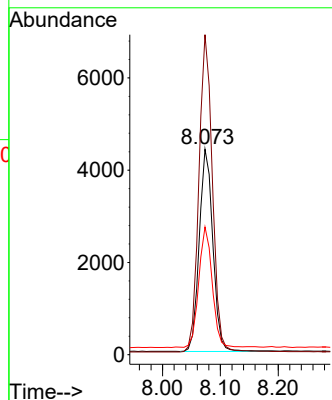
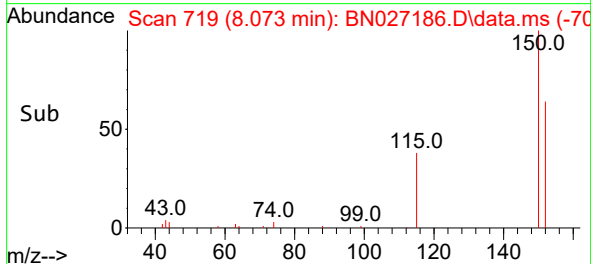


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.073 min Scan# 71
Delta R.T. -0.015 min
Lab File: BN027186.D
Acq: 27 Aug 2023 12:10

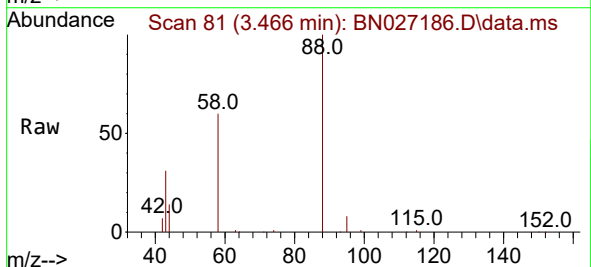
Instrument :
BNA_N
ClientSampleId :
RE125D1-20230816



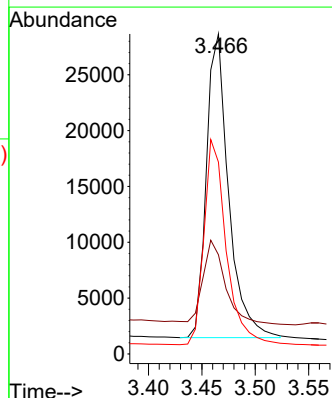
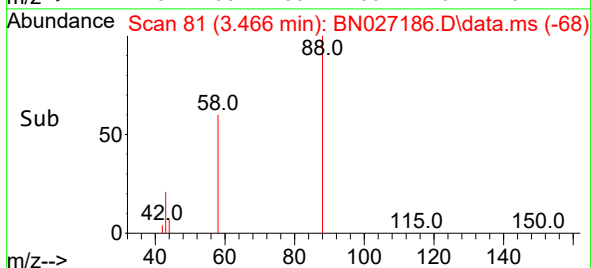
Tgt Ion:152 Resp: 7214
Ion Ratio Lower Upper
152 100
150 155.7 123.8 185.6
115 62.1 49.7 74.5



#2
1,4-Dioxane
Concen: 5.067 ng
RT: 3.466 min Scan# 81
Delta R.T. -0.007 min
Lab File: BN027186.D
Acq: 27 Aug 2023 12:10



Tgt Ion: 88 Resp: 39312
Ion Ratio Lower Upper
88 100
43 28.1 19.2 28.8
58 67.8 54.5 81.7

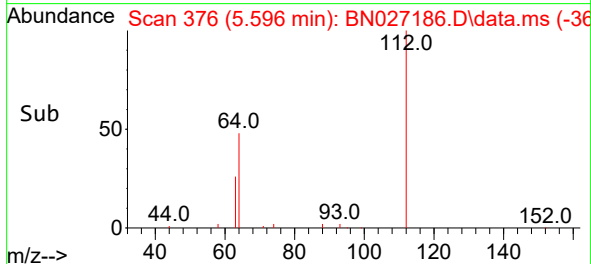
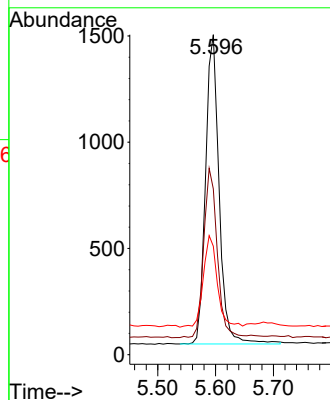
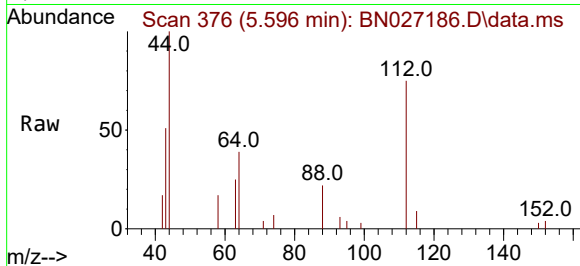




#4
2-Fluorophenol
Concen: 0.117 ng
RT: 5.596 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN027186.D
Acq: 27 Aug 2023 12:10

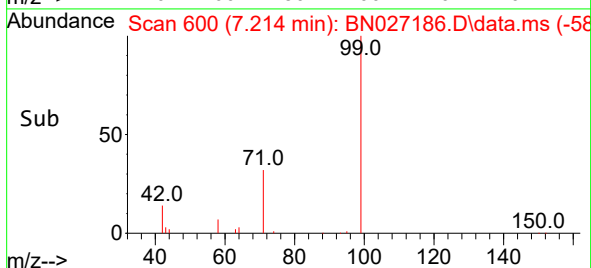
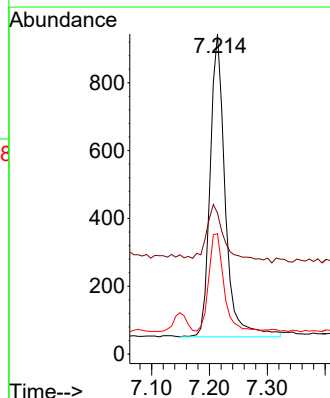
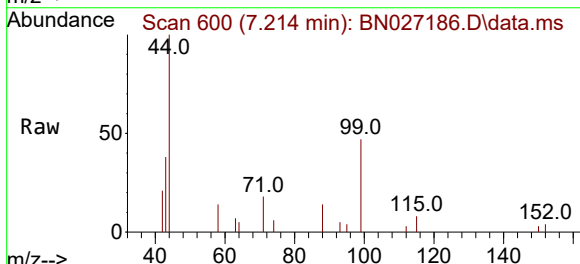
Instrument :
BNA_N
ClientSampleId :
RE125D1-20230816

Tgt Ion:	112	Resp:	2379
Ion	Ratio	Lower	Upper
112	100		
64	54.3	41.5	62.3
63	30.3	21.7	32.5



#5
Phenol-d6
Concen: 0.064 ng
RT: 7.214 min Scan# 600
Delta R.T. -0.007 min
Lab File: BN027186.D
Acq: 27 Aug 2023 12:10

Tgt Ion:	99	Resp:	1619
Ion	Ratio	Lower	Upper
99	100		
42	24.0	13.6	20.4
71	31.8	26.0	39.0

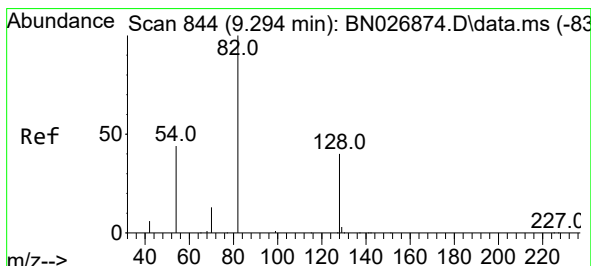
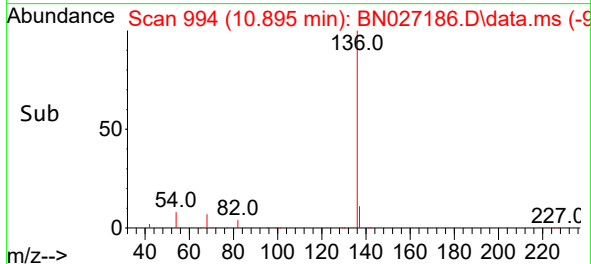
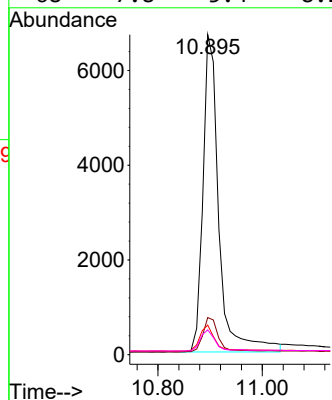
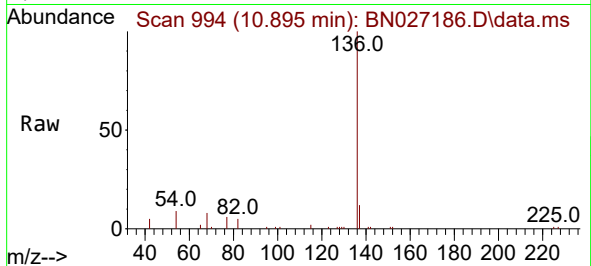




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.895 min Scan# 998
Delta R.T. -0.011 min
Lab File: BN027186.D
Acq: 27 Aug 2023 12:10

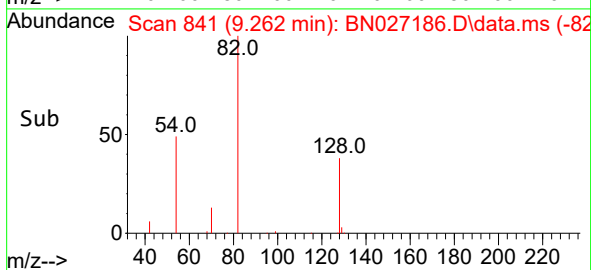
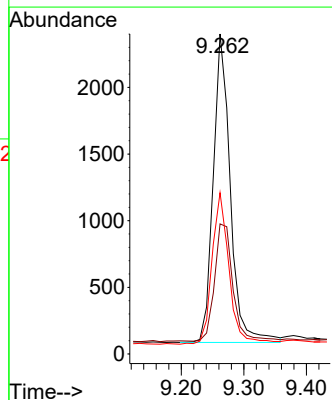
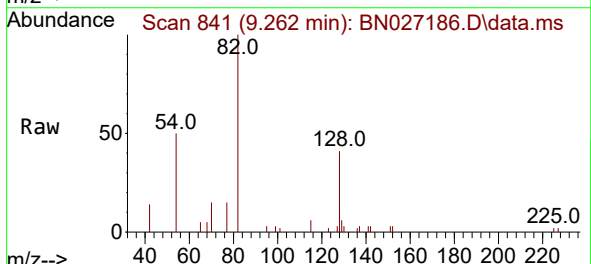
Instrument :
BNA_N
ClientSampleId :
RE125D1-20230816

Tgt Ion:	136	Resp:	14224
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.0	13.6
54	9.3	5.5	8.3
68	7.8	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.365 ng
RT: 9.262 min Scan# 841
Delta R.T. -0.011 min
Lab File: BN027186.D
Acq: 27 Aug 2023 12:10

Tgt Ion:	82	Resp:	4385
Ion Ratio	Lower	Upper	
82	100		
128	40.6	34.1	51.1
54	50.4	37.0	55.4

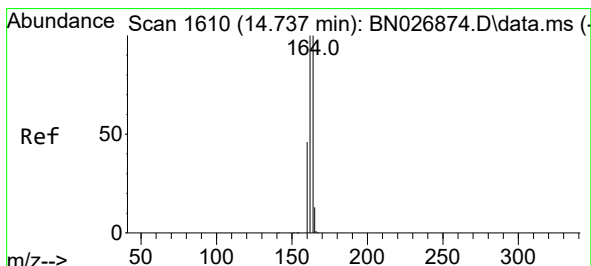
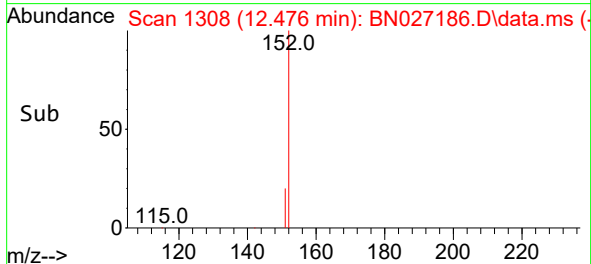
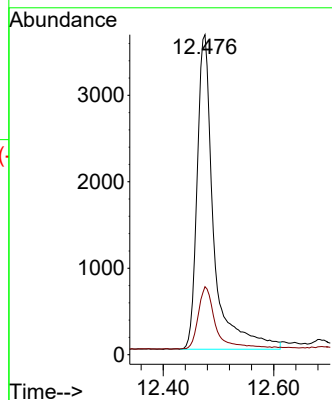
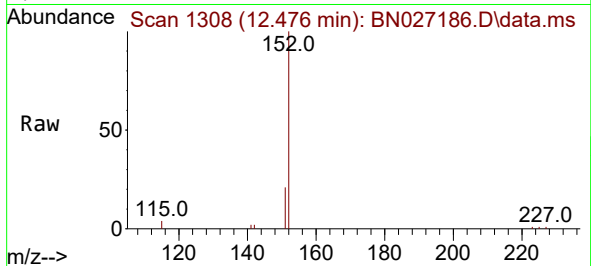




#11
2-Methylnaphthalene-d10
Concen: 0.338 ng
RT: 12.476 min Scan# 11
Delta R.T. -0.007 min
Lab File: BN027186.D
Acq: 27 Aug 2023 12:10

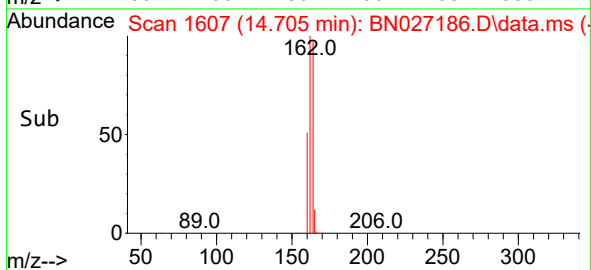
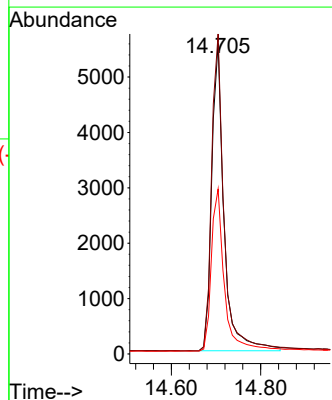
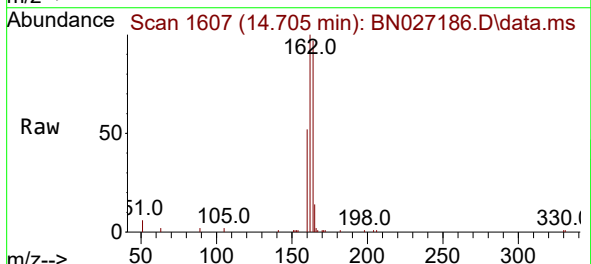
Instrument :
BNA_N
ClientSampleId :
RE125D1-20230816

Tgt Ion:152 Resp: 7645
Ion Ratio Lower Upper
152 100
151 20.9 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: BN027186.D
Acq: 27 Aug 2023 12:10

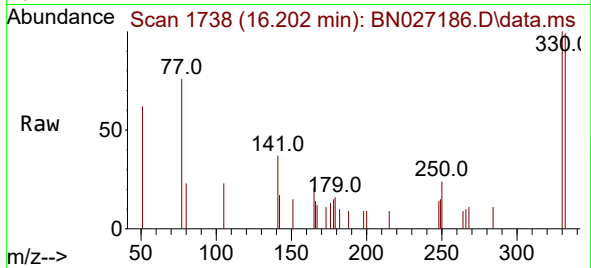
Tgt Ion:164 Resp: 10595
Ion Ratio Lower Upper
164 100
162 103.1 79.7 119.5
160 53.1 37.4 56.0



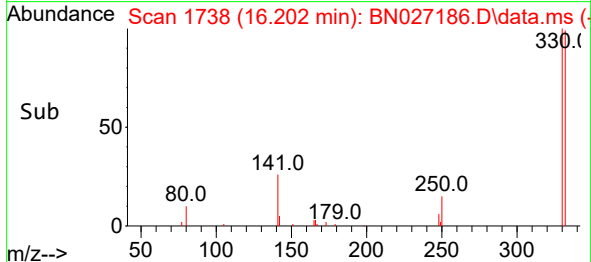
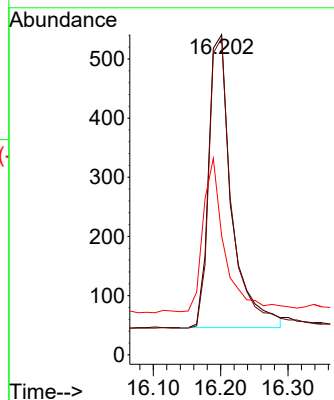


#14
2,4,6-Tribromophenol
Concen: 0.209 ng
RT: 16.202 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BN027186.D
Acq: 27 Aug 2023 12:10

Instrument :
BNA_N
ClientSampleId :
RE125D1-20230816

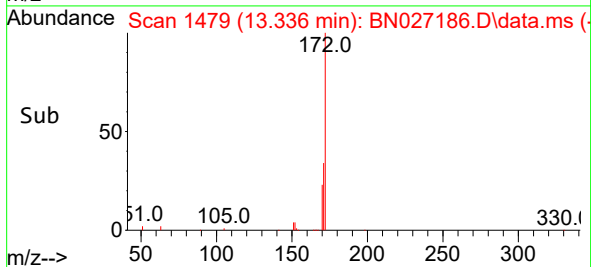
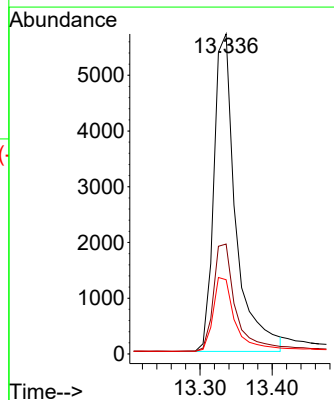
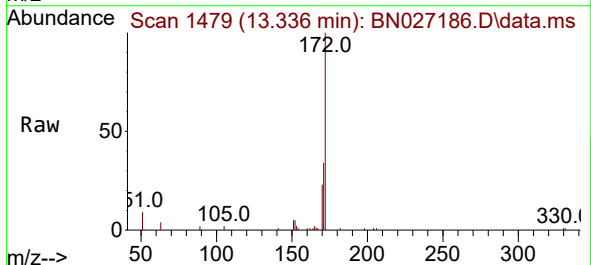


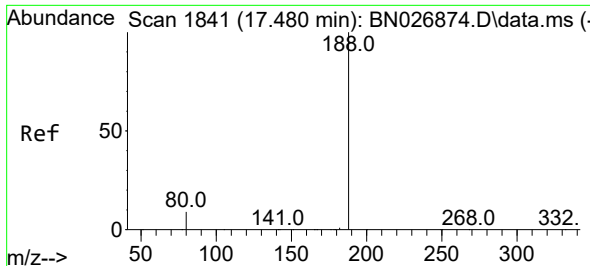
Tgt Ion:330 Resp: 1177
Ion Ratio Lower Upper
330 100
332 99.3 76.6 114.8
141 49.7 32.3 48.5#



#15
2-Fluorobiphenyl
Concen: 0.306 ng
RT: 13.336 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BN027186.D
Acq: 27 Aug 2023 12:10

Tgt Ion:172 Resp: 12025
Ion Ratio Lower Upper
172 100
171 34.4 27.4 41.0
170 23.2 18.0 27.0

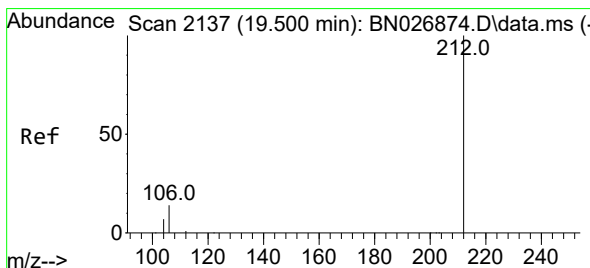
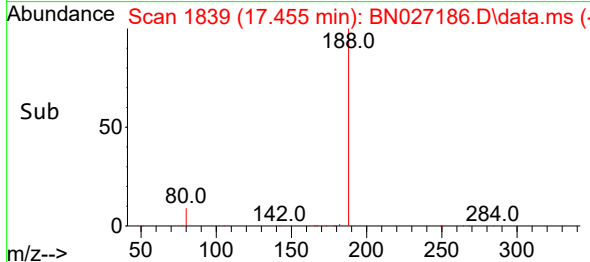
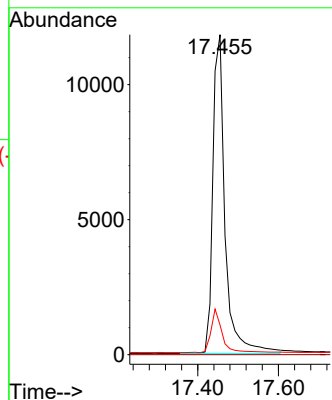
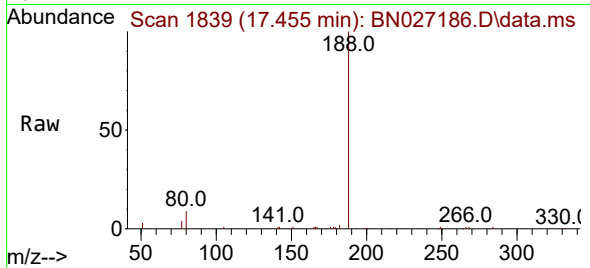




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.455 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BN027186.D
Acq: 27 Aug 2023 12:10

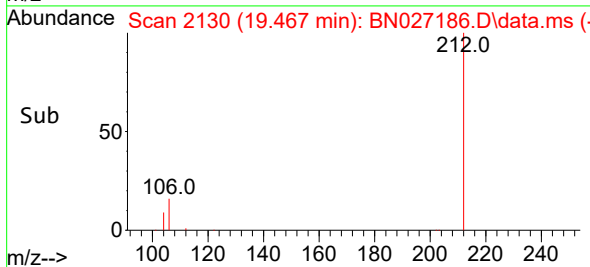
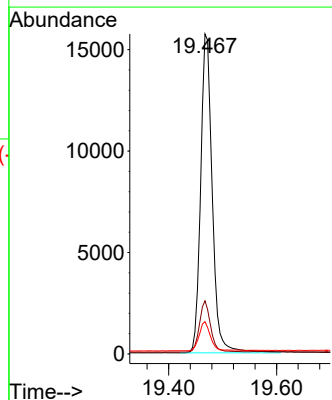
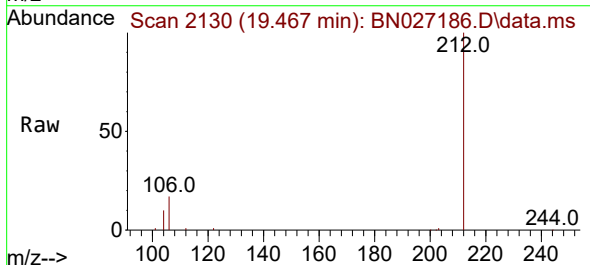
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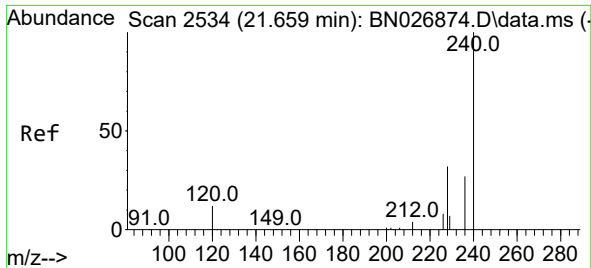
Tgt Ion:188 Resp: 24729
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 7.4 11.2



#27
Fluoranthene-d10
Concen: 0.371 ng
RT: 19.467 min Scan# 2130
Delta R.T. -0.009 min
Lab File: BN027186.D
Acq: 27 Aug 2023 12:10

Tgt Ion:212 Resp: 23538
Ion Ratio Lower Upper
212 100
106 15.4 10.9 16.3
104 8.8 5.9 8.9

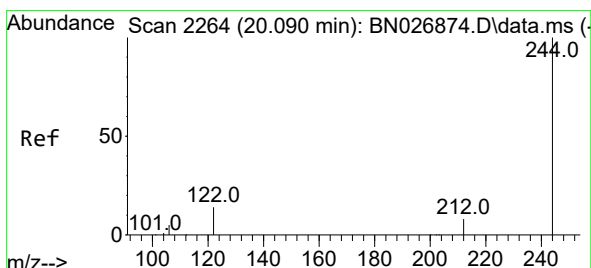
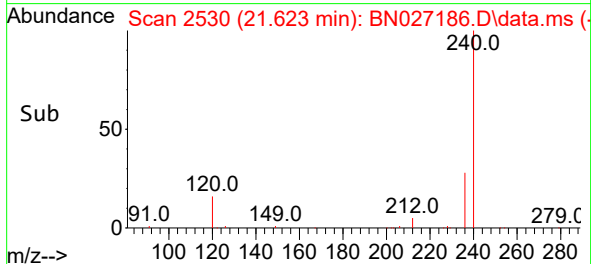
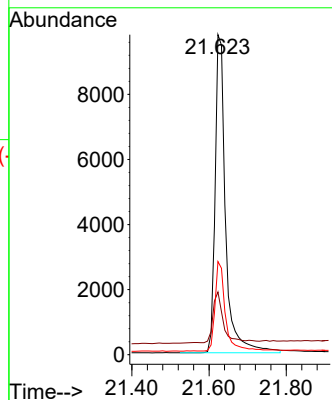
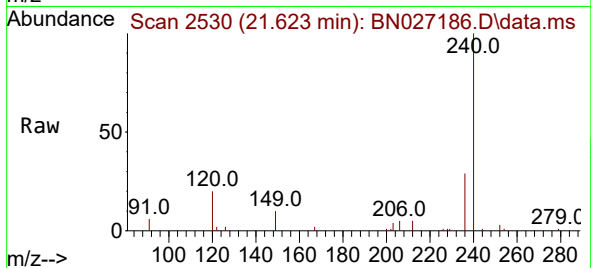




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.623 min Scan# 216
Delta R.T. -0.009 min
Lab File: BN027186.D
Acq: 27 Aug 2023 12:10

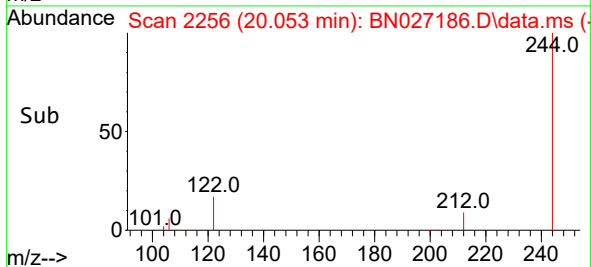
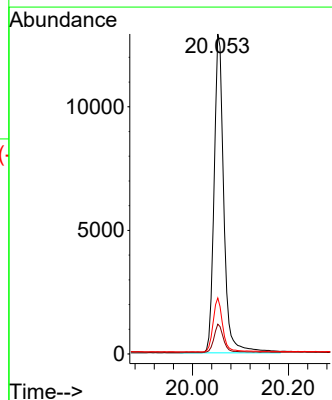
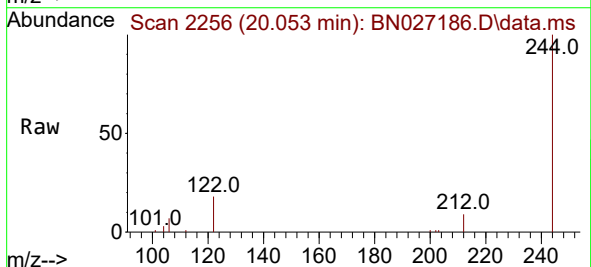
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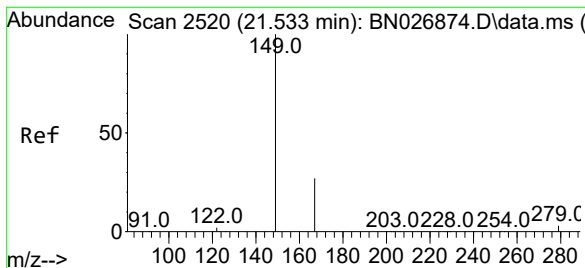
Tgt Ion:240 Resp: 18427
Ion Ratio Lower Upper
240 100
120 19.6 11.1 16.7#
236 29.1 22.2 33.2



#31
Terphenyl-d14
Concen: 0.469 ng
RT: 20.053 min Scan# 2256
Delta R.T. -0.009 min
Lab File: BN027186.D
Acq: 27 Aug 2023 12:10

Tgt Ion:244 Resp: 18059
Ion Ratio Lower Upper
244 100
212 9.3 6.9 10.3
122 17.5 11.9 17.9

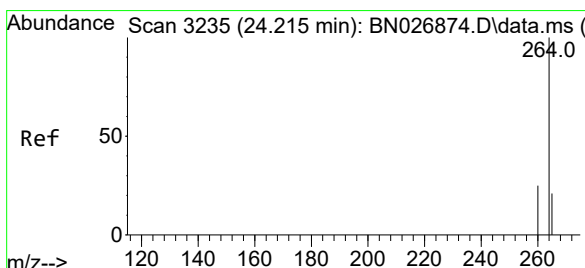
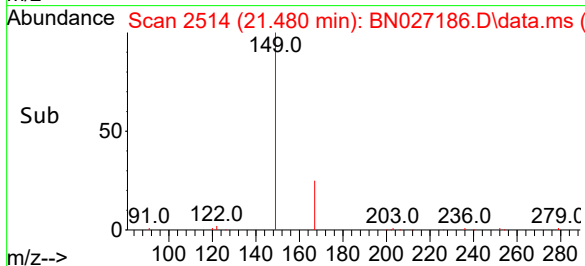
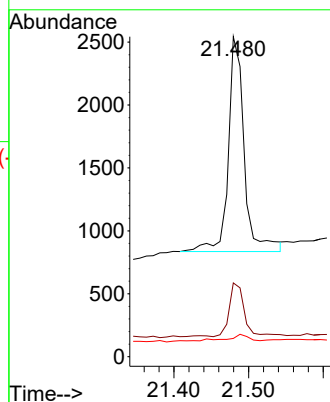
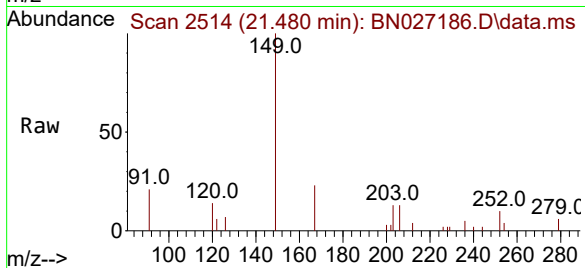




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.053 ng
 RT: 21.480 min Scan# 2149
 Delta R.T. -0.018 min
 Lab File: BN027186.D
 Acq: 27 Aug 2023 12:10

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20230816

Tgt Ion:149 Resp: 2535
 Ion Ratio Lower Upper
 149 100
 167 24.1 21.4 32.0
 279 3.4 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: BN027186.D
 Acq: 27 Aug 2023 12:10

Tgt Ion:264 Resp: 15439
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.4 30.6
 265 66.0 27.0 40.6#

