

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081723\
 Data File : BN026940.D
 Acq On : 17 Aug 2023 13:45
 Operator : MA/JU
 Sample : 04024-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE104D3-20230815

Quant Time: Aug 18 03:11:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 15:56:02 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

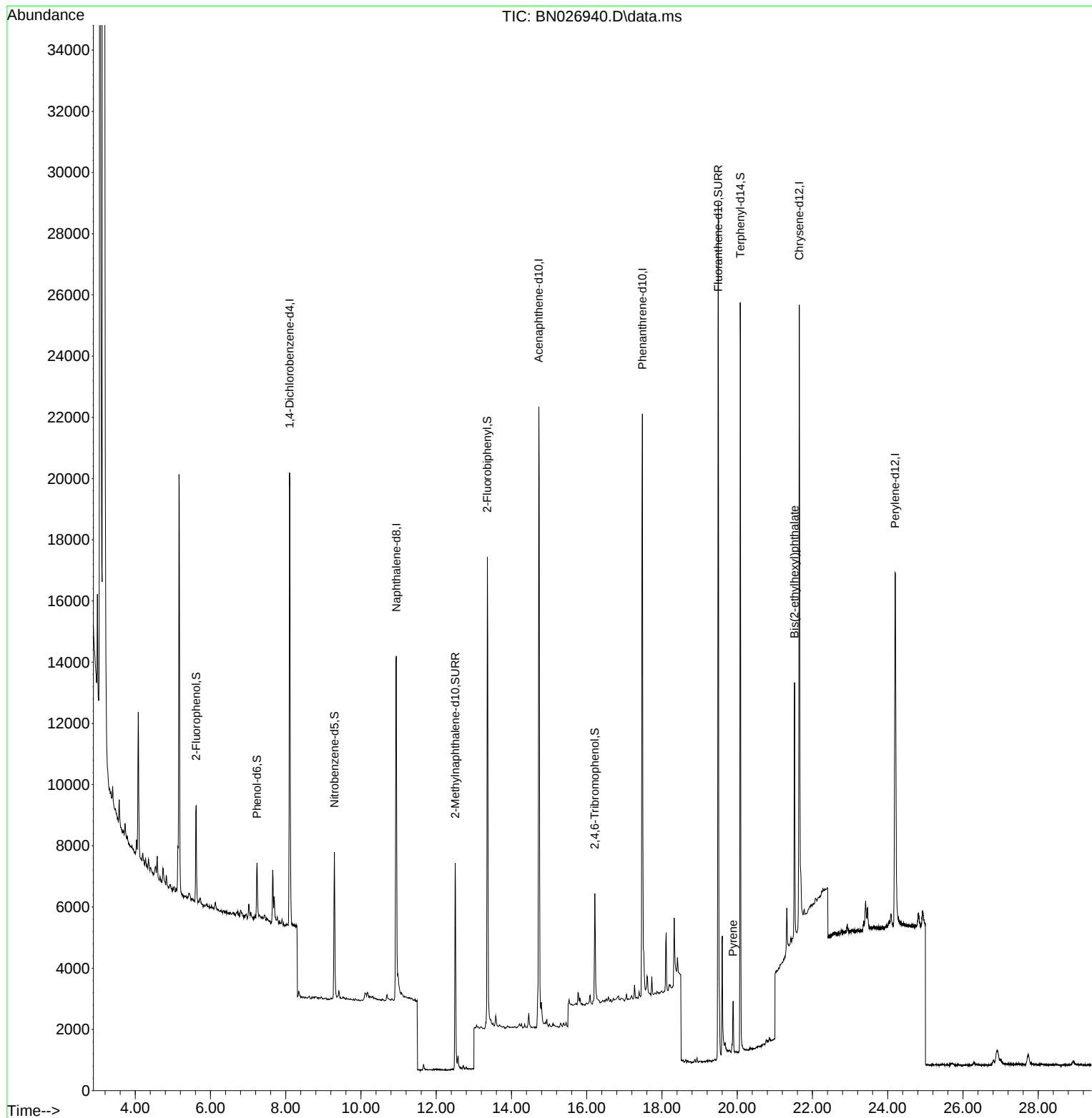
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	7437	0.400	ng	0.00
7) Naphthalene-d8	10.938	136	18921	0.400	ng	0.00
13) Acenaphthene-d10	14.726	164	13295	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	29661	0.400	ng	0.00
29) Chrysene-d12	21.650	240	20054	0.400	ng	0.00
35) Perylene-d12	24.197	264	19108	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.618	112	2788	0.133	ng	0.00
5) Phenol-d6	7.235	99	1974	0.076	ng	0.00
8) Nitrobenzene-d5	9.294	82	4155	0.260	ng	0.00
11) 2-Methylnaphthalene-d10	12.506	152	9825	0.327	ng	0.00
14) 2,4,6-Tribromophenol	16.214	330	2222	0.314	ng	0.00
15) 2-Fluorobiphenyl	13.358	172	14915	0.302	ng	0.00
27) Fluoranthene-d10	19.495	212	30405	0.400	ng	0.00
31) Terphenyl-d14	20.080	244	24366	0.581	ng	0.00
Target Compounds						
30) Pyrene	19.890	202	1604	0.021	ng	Qvalue 96
34) Bis(2-ethylhexyl)phtha...	21.524	149	8369	0.161	ng	99

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

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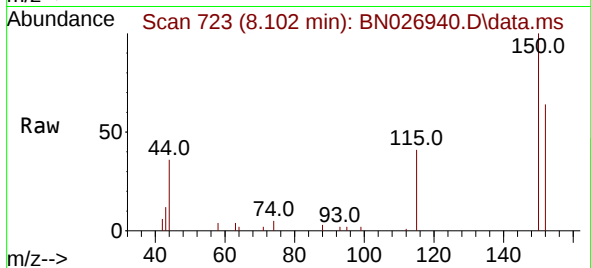
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 15:56:02 2023
Response via : Initial Calibration



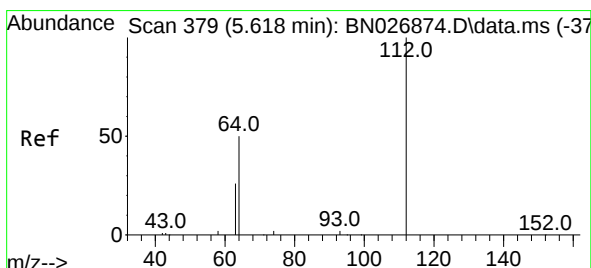
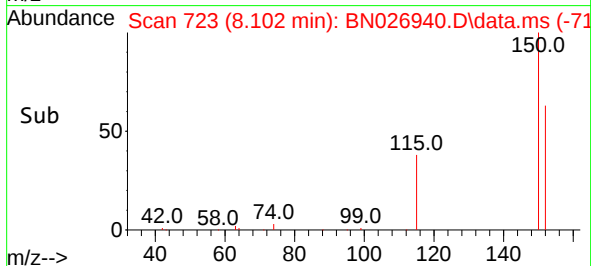
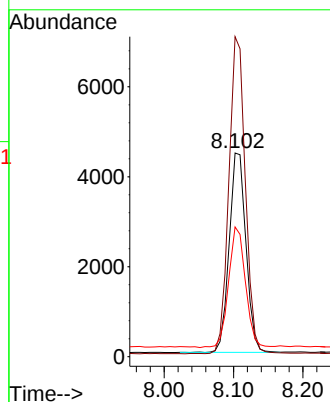


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.102 min Scan# 71
Delta R.T. -0.007 min
Lab File: BN026940.D
Acq: 17 Aug 2023 13:45

Instrument :
BNA_N
ClientSampleId :
RE104D3-20230815

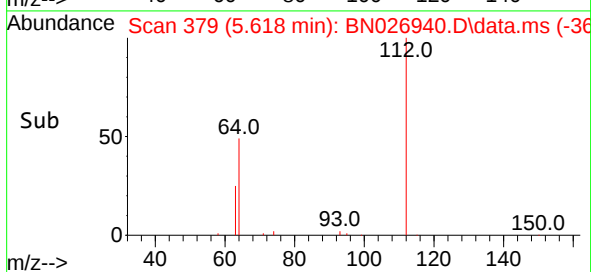
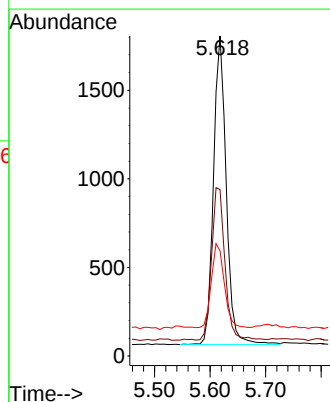
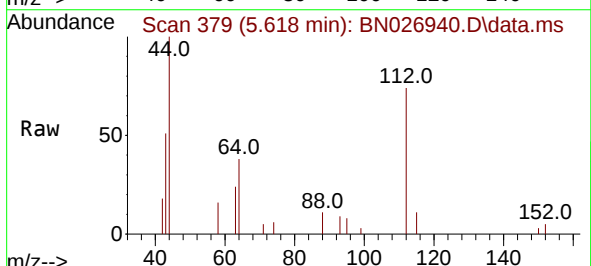


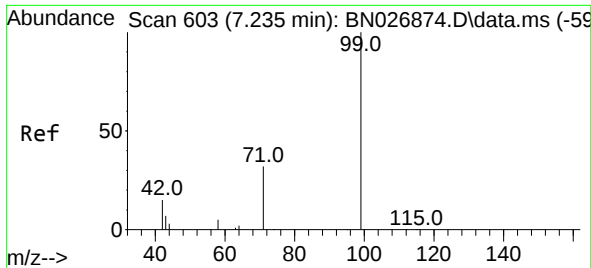
Tgt Ion:152 Resp: 7437
Ion Ratio Lower Upper
152 100
150 157.1 123.8 185.6
115 63.7 49.7 74.5



#4
2-Fluorophenol
Concen: 0.133 ng
RT: 5.618 min Scan# 379
Delta R.T. 0.000 min
Lab File: BN026940.D
Acq: 17 Aug 2023 13:45

Tgt Ion:112 Resp: 2788
Ion Ratio Lower Upper
112 100
64 51.8 41.5 62.3
63 27.5 21.7 32.5

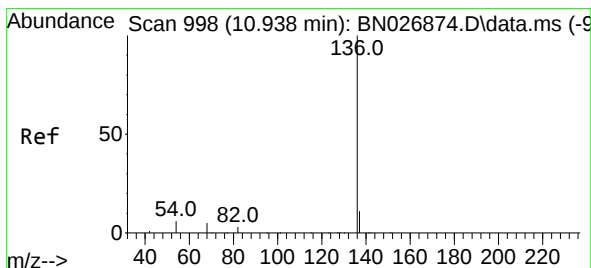
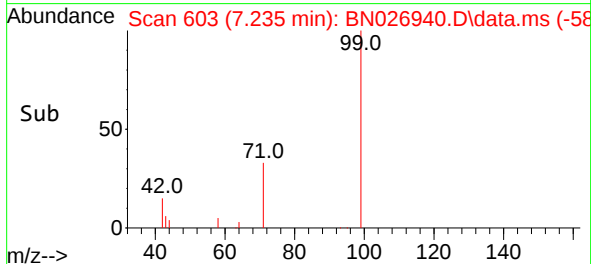
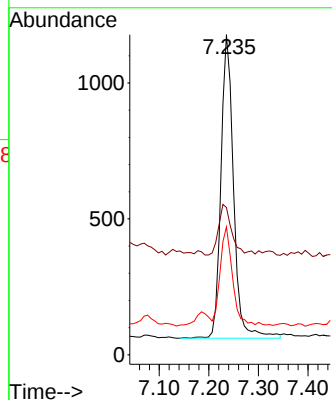
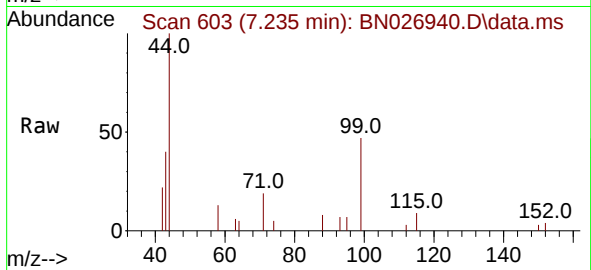




#5
Phenol-d6
Concen: 0.076 ng
RT: 7.235 min Scan# 603
Delta R.T. 0.000 min
Lab File: BN026940.D
Acq: 17 Aug 2023 13:45

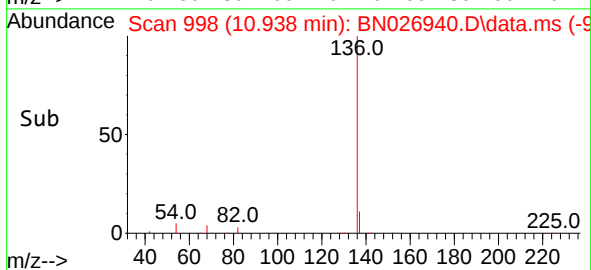
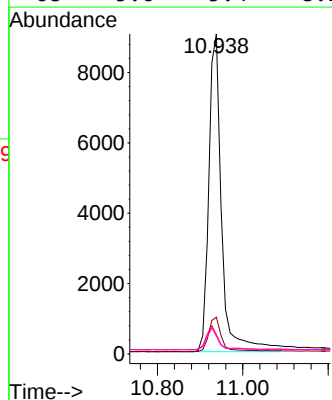
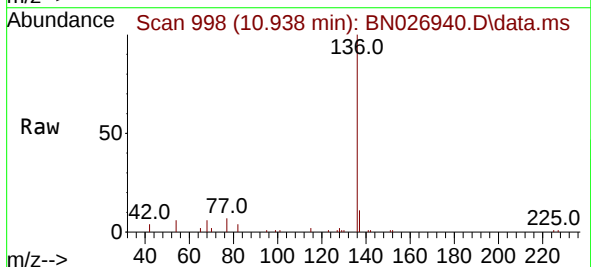
Instrument :
BNA_N
ClientSampleId :
RE104D3-20230815

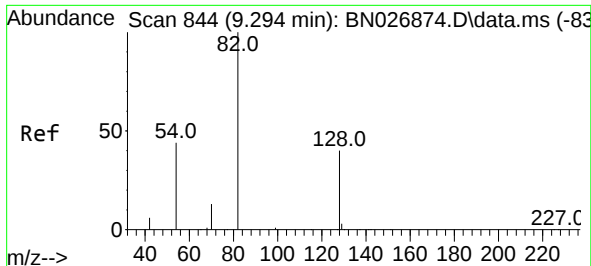
Tgt Ion: 99 Resp: 1974
Ion Ratio Lower Upper
99 100
42 17.1 13.6 20.4
71 31.7 26.0 39.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.938 min Scan# 998
Delta R.T. 0.000 min
Lab File: BN026940.D
Acq: 17 Aug 2023 13:45

Tgt Ion: 136 Resp: 18921
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 6.1 5.5 8.3
68 5.6 5.4 8.2

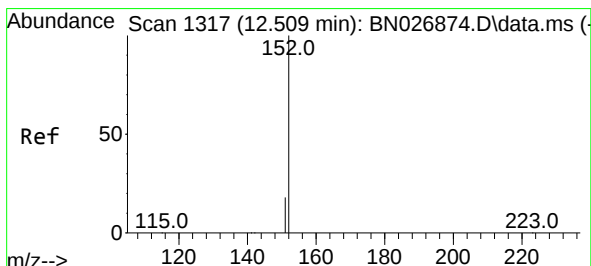
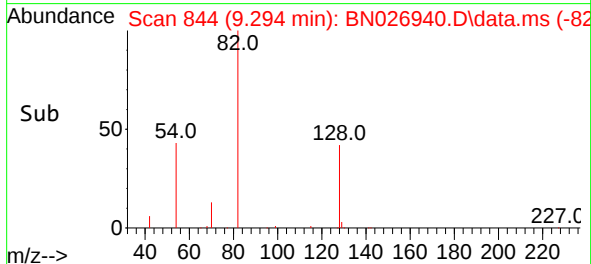
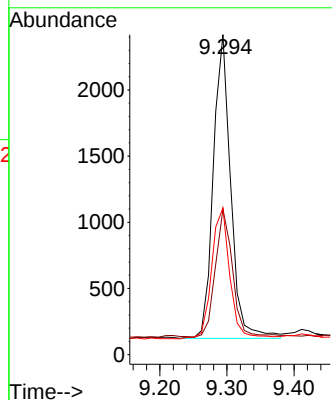
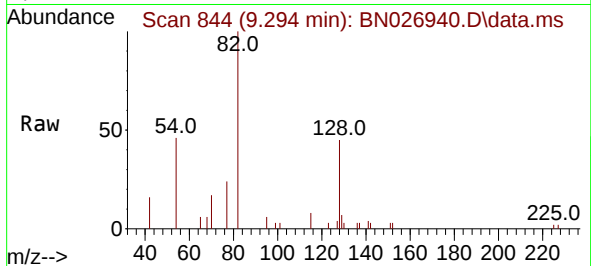




#8
Nitrobenzene-d5
Concen: 0.260 ng
RT: 9.294 min Scan# 844
Delta R.T. 0.000 min
Lab File: BN026940.D
Acq: 17 Aug 2023 13:45

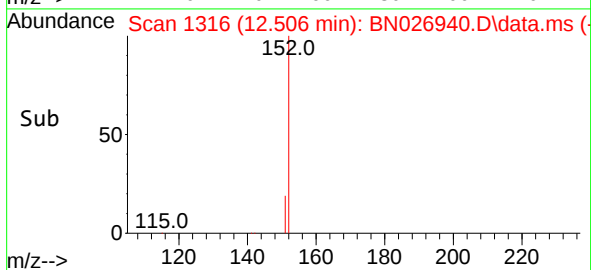
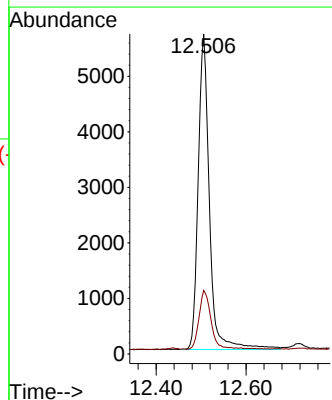
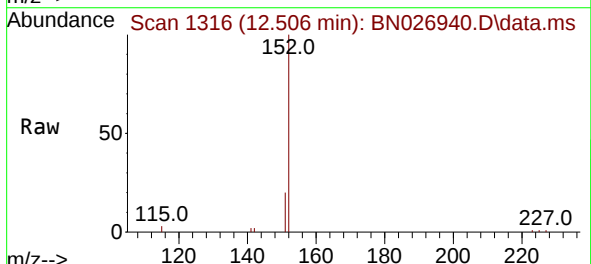
Instrument :
BNA_N
ClientSampleId :
RE104D3-20230815

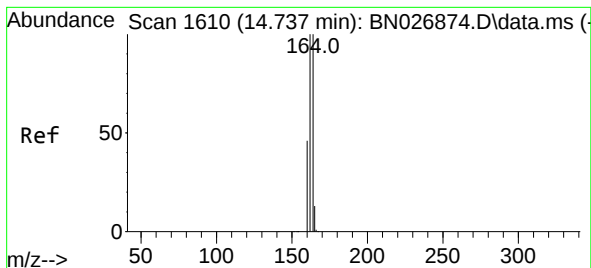
Tgt Ion: 82 Resp: 4155
Ion Ratio Lower Upper
82 100
128 45.5 34.1 51.1
54 45.8 37.0 55.4



#11
2-Methylnaphthalene-d10
Concen: 0.327 ng
RT: 12.506 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BN026940.D
Acq: 17 Aug 2023 13:45

Tgt Ion: 152 Resp: 9825
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.726 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN026940.D

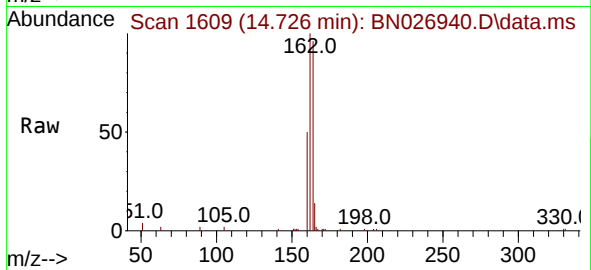
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Instrument :

BNA_N

ClientSampleId :

RE104D3-20230815



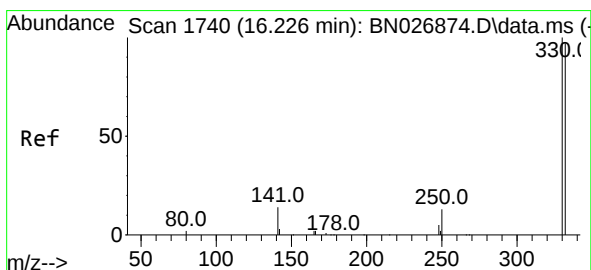
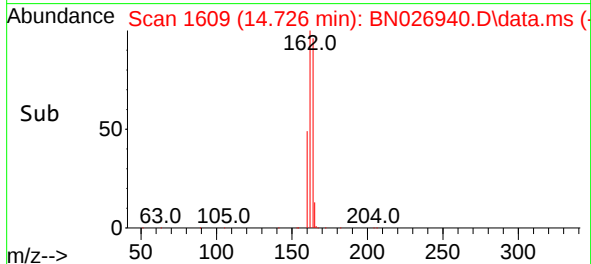
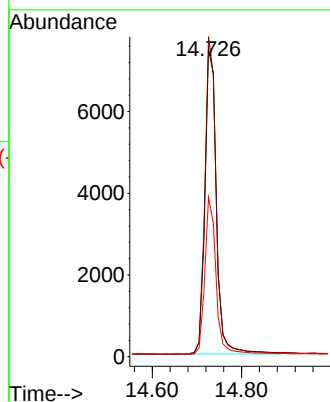
Tgt Ion:164 Resp: 13295

Ion Ratio Lower Upper

164 100

162 103.9 79.7 119.5

160 51.7 37.4 56.0



#14

2,4,6-Tribromophenol

Concen: 0.314 ng

RT: 16.214 min Scan# 1739

Delta R.T. 0.000 min

Lab File: BN026940.D

Acq: 17 Aug 2023 13:45

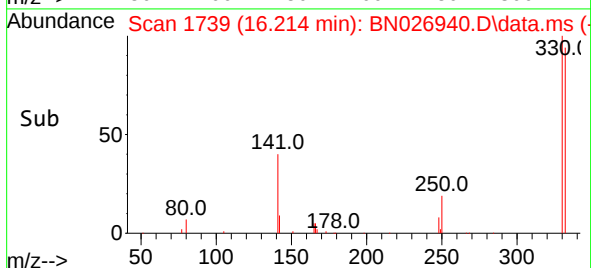
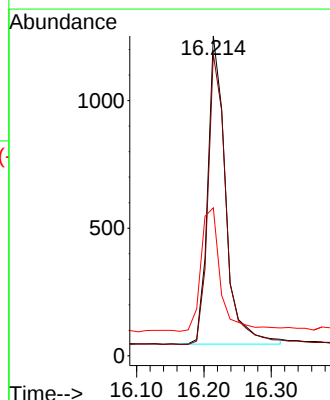
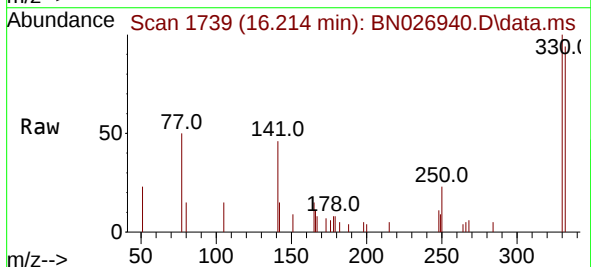
Tgt Ion:330 Resp: 2222

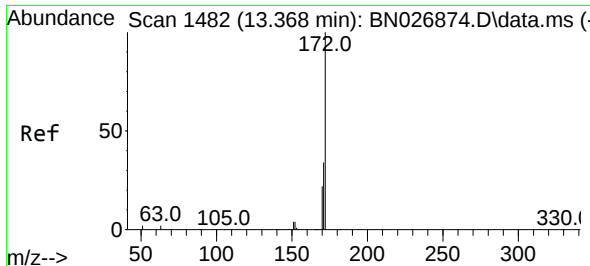
Ion Ratio Lower Upper

330 100

332 95.7 76.6 114.8

141 44.9 32.3 48.5

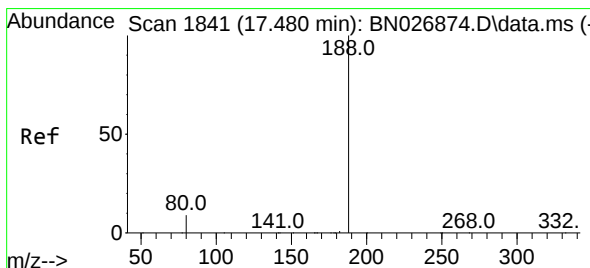
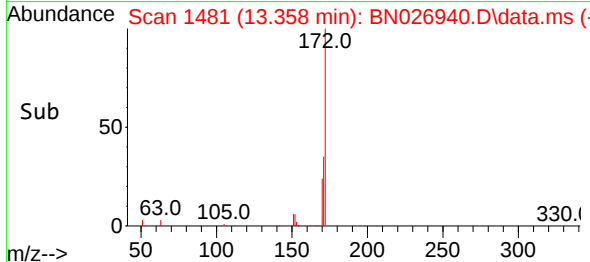
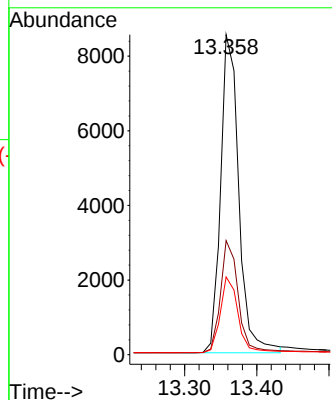
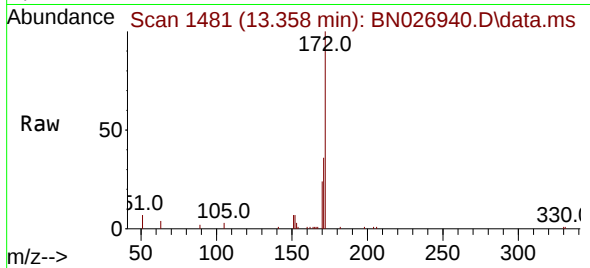




#15
2-Fluorobiphenyl
Concen: 0.302 ng
RT: 13.358 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BN026940.D
Acq: 17 Aug 2023 13:45

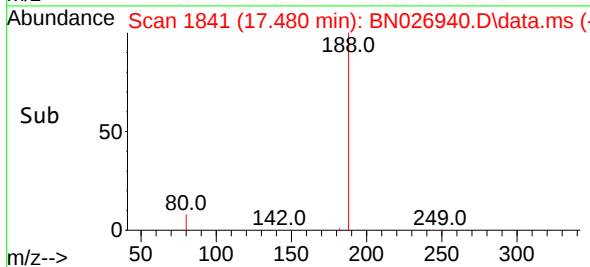
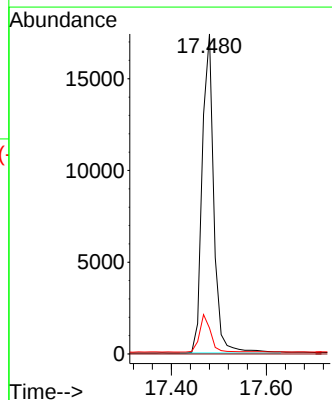
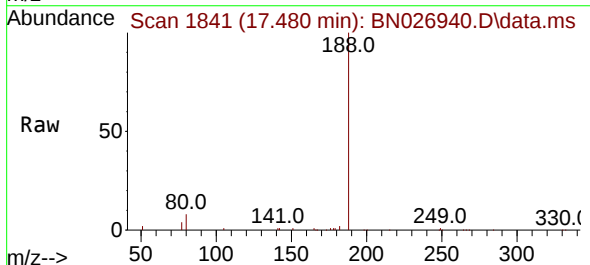
Instrument :
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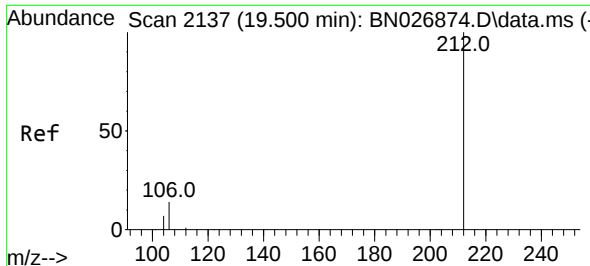
Tgt Ion:172	Resp:	14915
Ion Ratio	Lower	Upper
172	100	
171	35.6	27.4 41.0
170	24.3	18.0 27.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1841
Delta R.T. 0.000 min
Lab File: BN026940.D
Acq: 17 Aug 2023 13:45

Tgt Ion:188	Resp:	29661
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	8.1	7.4 11.2

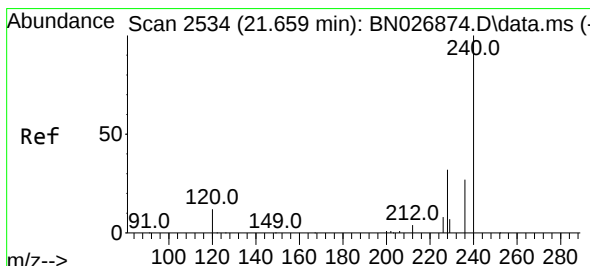
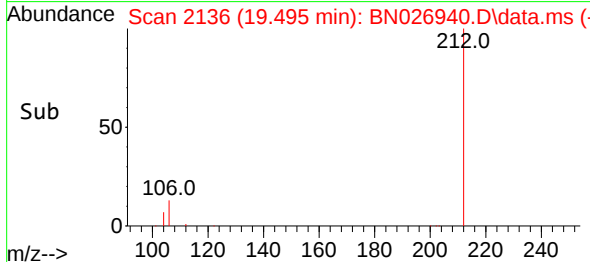
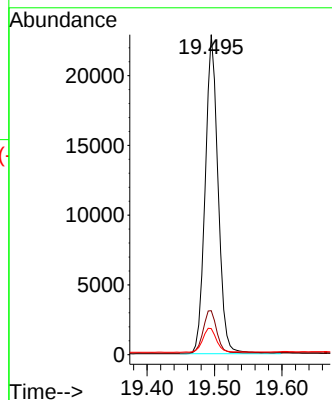
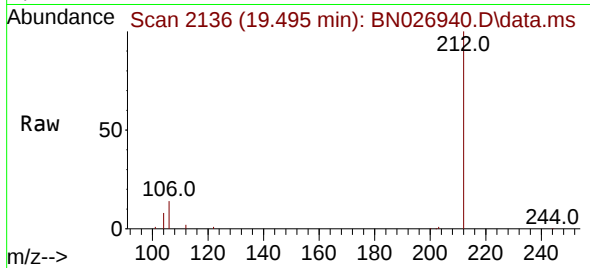




#27
Fluoranthene-d10
Concen: 0.400 ng
RT: 19.495 min Scan# 2136
Delta R.T. -0.005 min
Lab File: BN026940.D
Acq: 17 Aug 2023 13:45

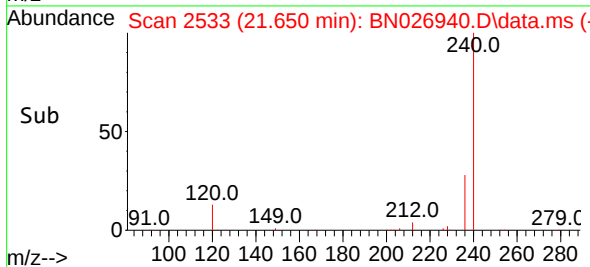
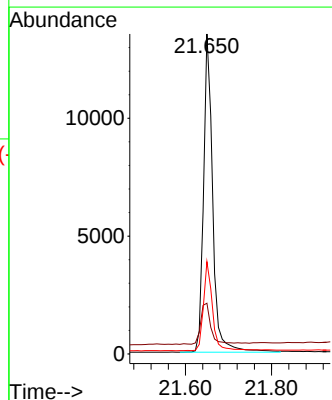
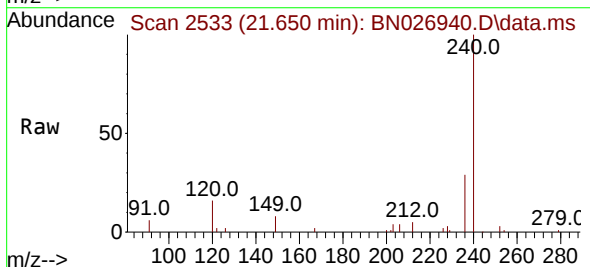
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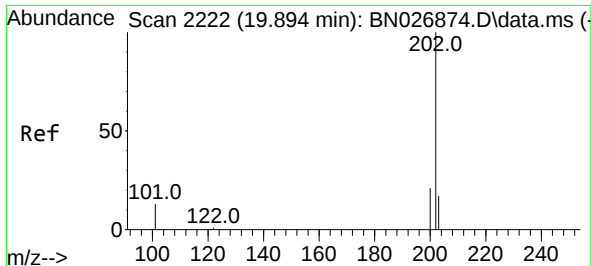
Tgt Ion:212 Resp: 30405
Ion Ratio Lower Upper
212 100
106 14.2 10.9 16.3
104 8.0 5.9 8.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.650 min Scan# 2533
Delta R.T. -0.009 min
Lab File: BN026940.D
Acq: 17 Aug 2023 13:45

Tgt Ion:240 Resp: 20054
Ion Ratio Lower Upper
240 100
120 15.9 11.1 16.7
236 28.8 22.2 33.2

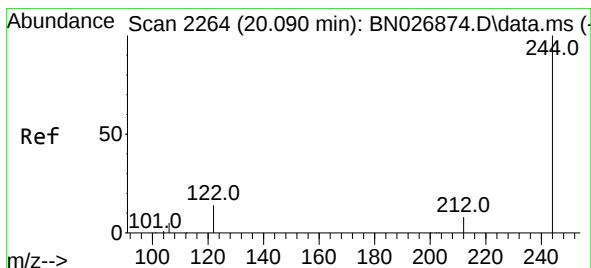
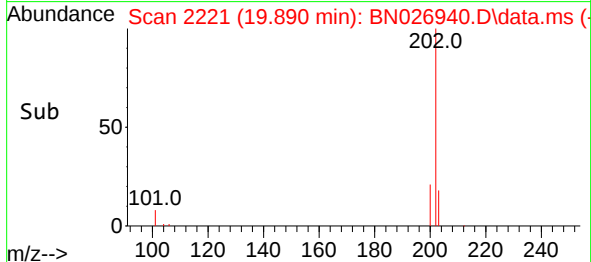
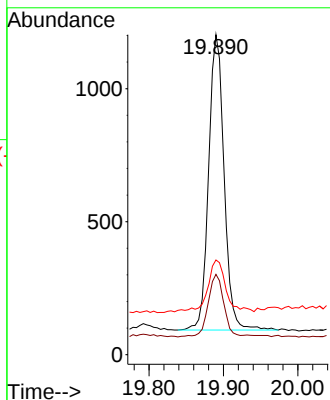
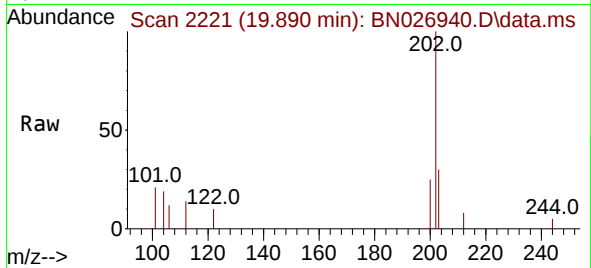




#30
 Pyrene
 Concen: 0.021 ng
 RT: 19.890 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN026940.D
 Acq: 17 Aug 2023 13:45

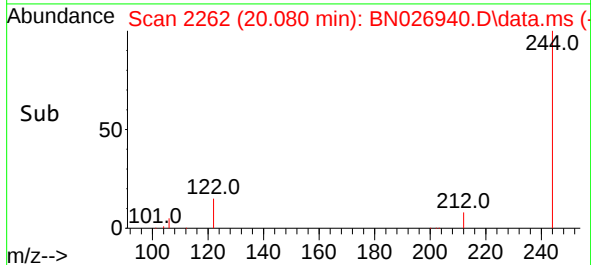
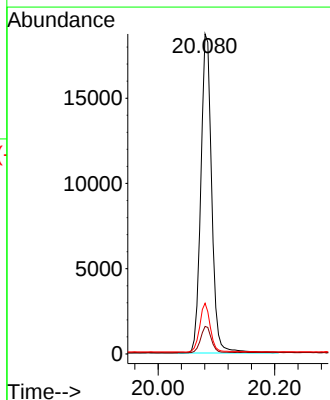
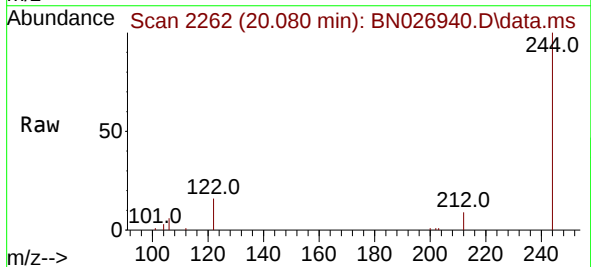
Instrument :
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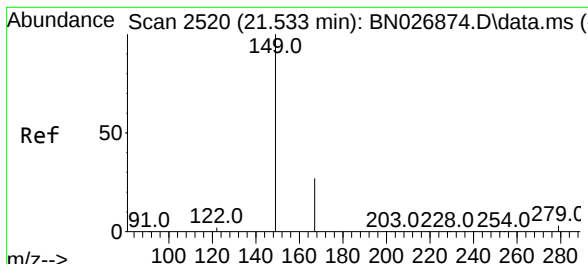
Tgt Ion:	202	Resp:	1604
Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.6	25.0
203	21.3	14.4	21.6



#31
 Terphenyl-d14
 Concen: 0.581 ng
 RT: 20.080 min Scan# 2262
 Delta R.T. -0.005 min
 Lab File: BN026940.D
 Acq: 17 Aug 2023 13:45

Tgt Ion:	244	Resp:	24366
Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.9	10.3
122	15.8	11.9	17.9

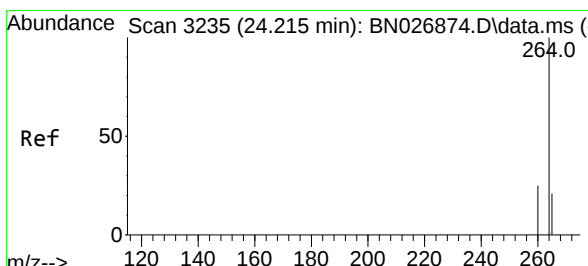
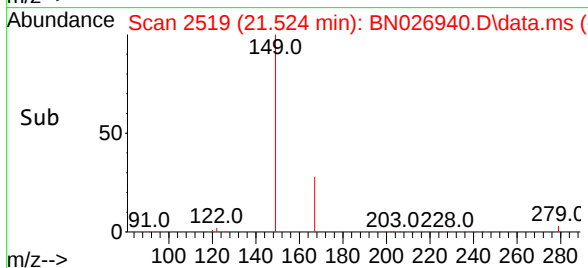
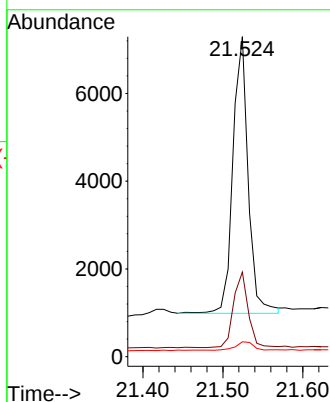
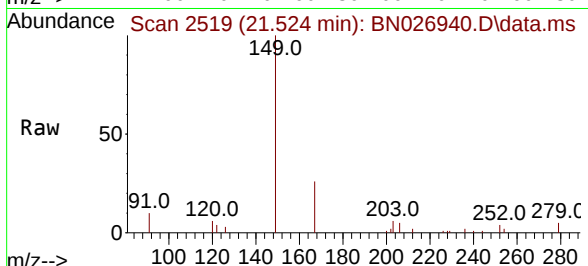




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.161 ng
 RT: 21.524 min Scan# 21519
 Delta R.T. 0.000 min
 Lab File: BN026940.D
 Acq: 17 Aug 2023 13:45

Instrument :
 BNA_N
 ClientSampleId :
 RE104D3-20230815

Tgt Ion:	149	Resp:	8369
Ion Ratio	Lower	Upper	
149	100		
167	26.0	21.4	32.0
279	3.7	3.6	5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.197 min Scan# 3229
 Delta R.T. -0.006 min
 Lab File: BN026940.D
 Acq: 17 Aug 2023 13:45

Tgt Ion:	264	Resp:	19108
Ion Ratio	Lower	Upper	
264	100		
260	25.2	20.4	30.6
265	61.1	27.0	40.6

