

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027196.D
 Acq On : 27 Aug 2023 19:28
 Operator : MA/JU
 Sample : 04077-03
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE117D2-20230816

Quant Time: Aug 28 00:45:14 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)

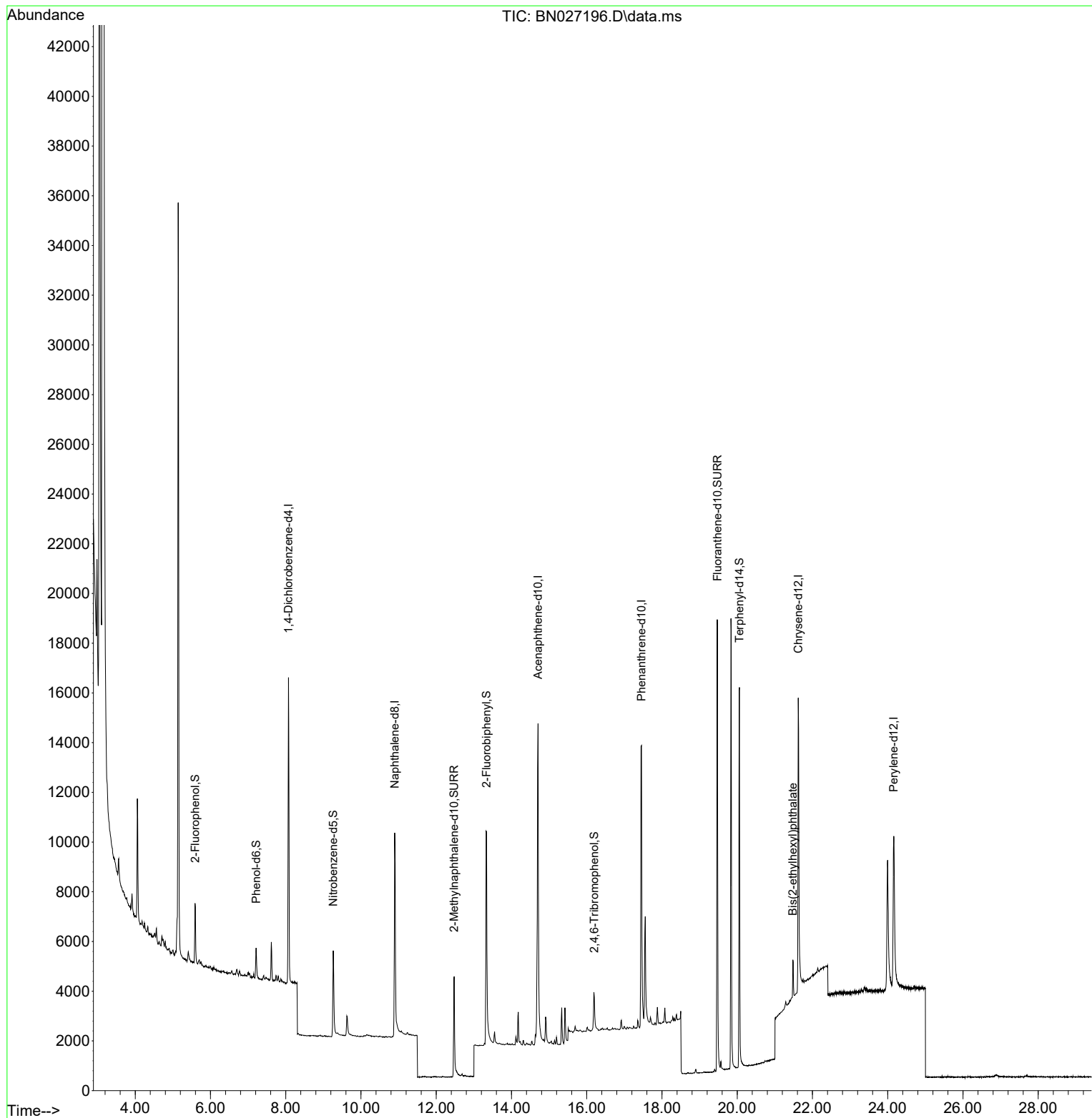
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	6123	0.400	ng	-0.01
7) Naphthalene-d8	10.895	136	13317	0.400	ng	#-0.01
13) Acenaphthene-d10	14.705	164	9217	0.400	ng	0.00
19) Phenanthrene-d10	17.455	188	20145	0.400	ng	0.00
29) Chrysene-d12	21.623	240	14636	0.400	ng	# 0.00
35) Perylene-d12	24.159	264	11586	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.596	112	2052	0.119	ng	0.00
5) Phenol-d6	7.214	99	1338	0.063	ng	0.00
8) Nitrobenzene-d5	9.262	82	3265	0.290	ng	-0.01
11) 2-Methylnaphthalene-d10	12.475	152	6937	0.328	ng	0.00
14) 2,4,6-Tribromophenol	16.201	330	1133	0.231	ng	0.00
15) 2-Fluorobiphenyl	13.336	172	10531	0.308	ng	0.00
27) Fluoranthene-d10	19.472	212	21895	0.424	ng	0.00
31) Terphenyl-d14	20.057	244	16210	0.530	ng	0.00
Target Compounds						
34) Bis(2-ethylhexyl)phtha...	21.479	149	2021	0.053	ng	Qvalue 94

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

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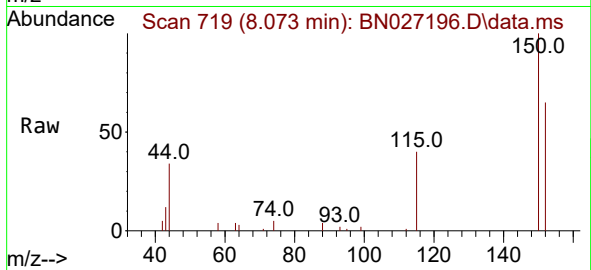
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
Response via : Initial Calibration



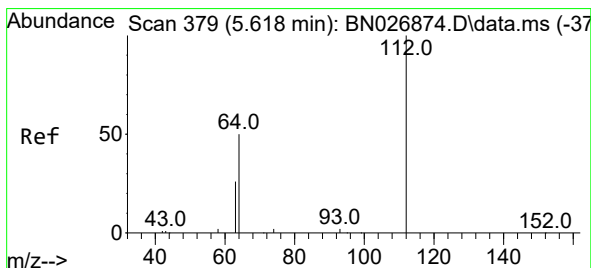
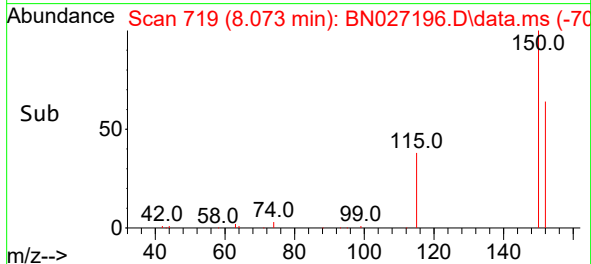
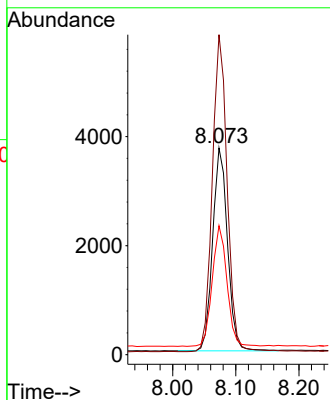


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.073 min Scan# 719
Delta R.T. -0.015 min
Lab File: BN027196.D
Acq: 27 Aug 2023 19:28

Instrument :
BNA_N
ClientSampleId :
RE117D2-20230816

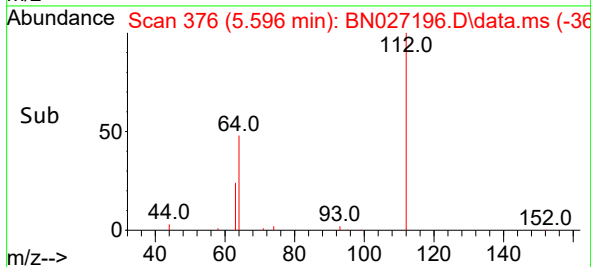
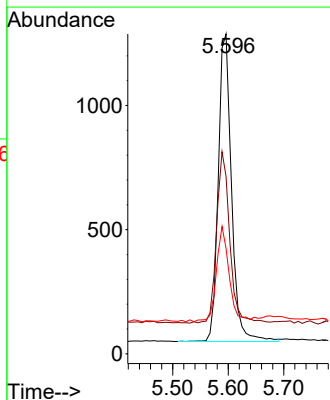
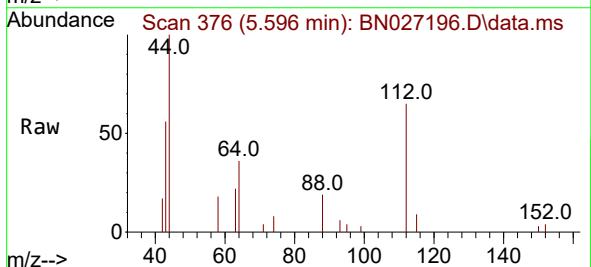


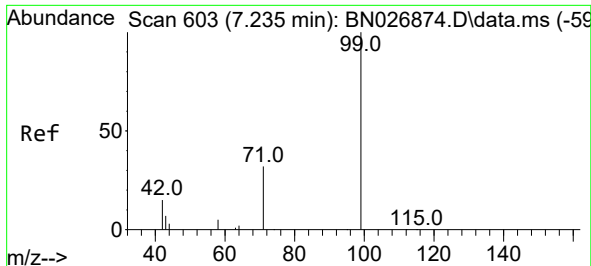
Tgt Ion:152 Resp: 6123
Ion Ratio Lower Upper
152 100
150 154.8 123.8 185.6
115 62.4 49.7 74.5



#4
2-Fluorophenol
Concen: 0.119 ng
RT: 5.596 min Scan# 376
Delta R.T. -0.007 min
Lab File: BN027196.D
Acq: 27 Aug 2023 19:28

Tgt Ion:112 Resp: 2052
Ion Ratio Lower Upper
112 100
64 55.5 41.5 62.3
63 30.0 21.7 32.5

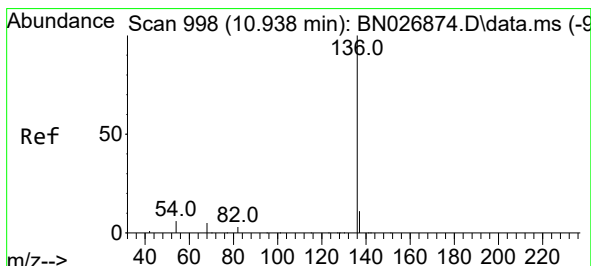
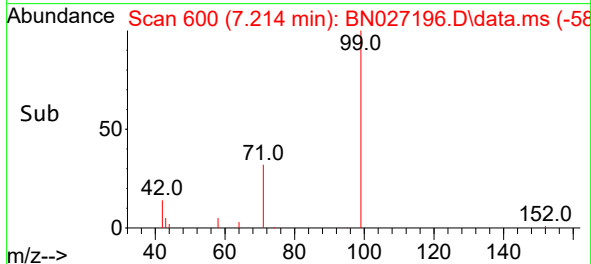
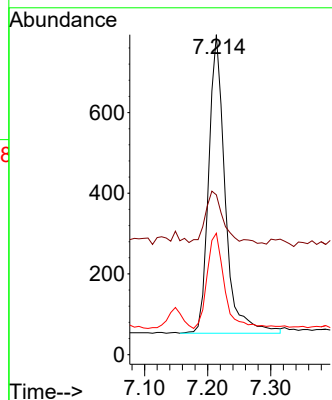
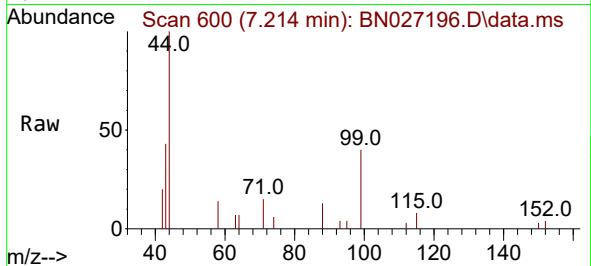




#5
Phenol-d6
Concen: 0.063 ng
RT: 7.214 min Scan# 603
Delta R.T. -0.007 min
Lab File: BN027196.D
Acq: 27 Aug 2023 19:28

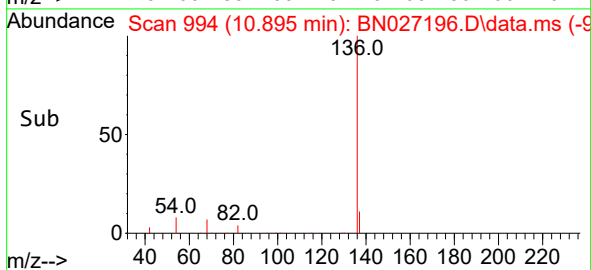
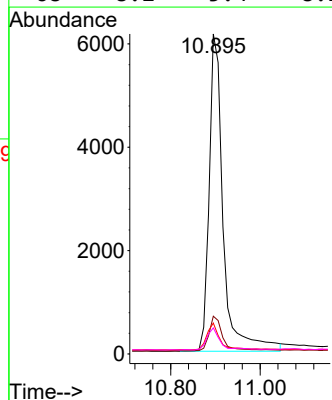
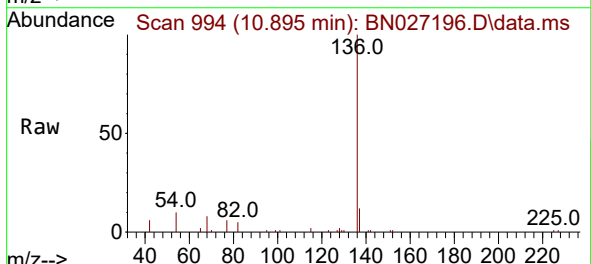
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BNA_N
ClientSampleId :
RE117D2-20230816

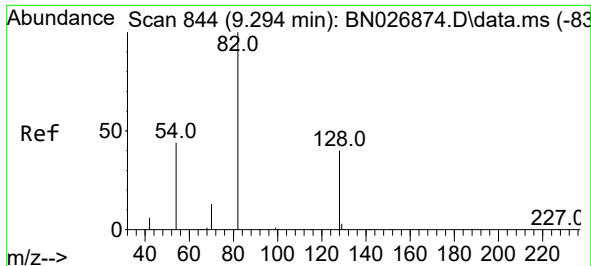
Tgt Ion: 99 Resp: 1338
Ion Ratio Lower Upper
99 100
42 20.0 13.6 20.4
71 34.2 26.0 39.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.895 min Scan# 994
Delta R.T. -0.011 min
Lab File: BN027196.D
Acq: 27 Aug 2023 19:28

Tgt Ion:136 Resp: 13317
Ion Ratio Lower Upper
136 100
137 11.8 9.0 13.6
54 9.7 5.5 8.3#
68 8.2 5.4 8.2#

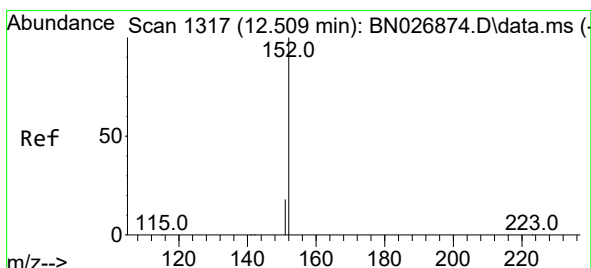
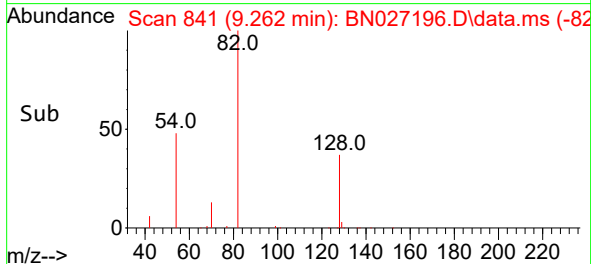
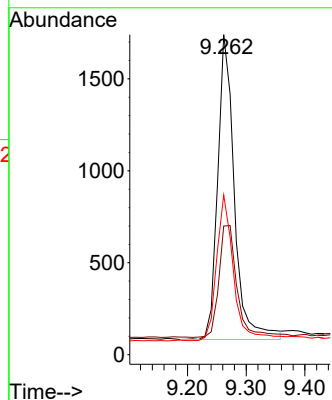
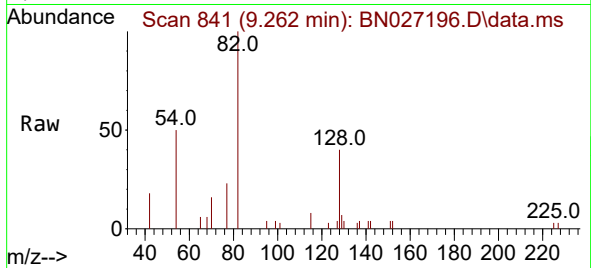




#8
Nitrobenzene-d5
Concen: 0.290 ng
RT: 9.262 min Scan# 84
Delta R.T. -0.011 min
Lab File: BN027196.D
Acq: 27 Aug 2023 19:28

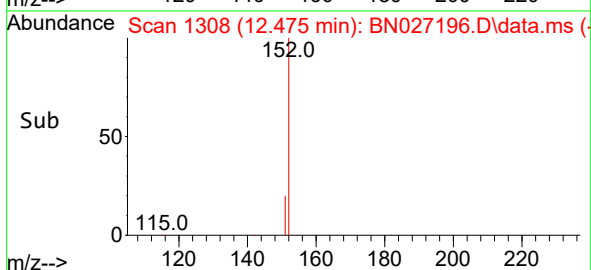
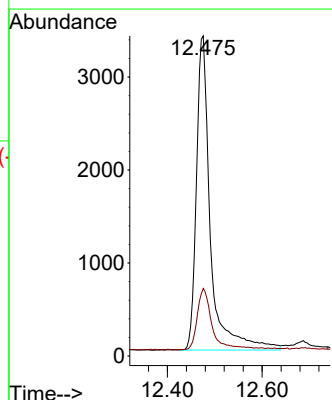
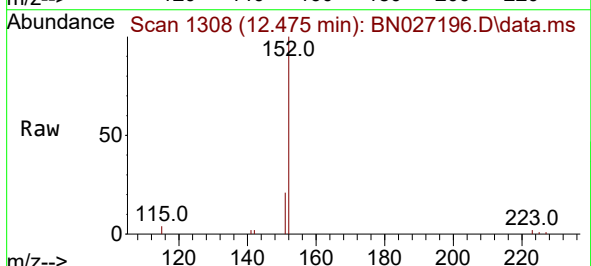
Instrument :
BNA_N
ClientSampleId :
RE117D2-20230816

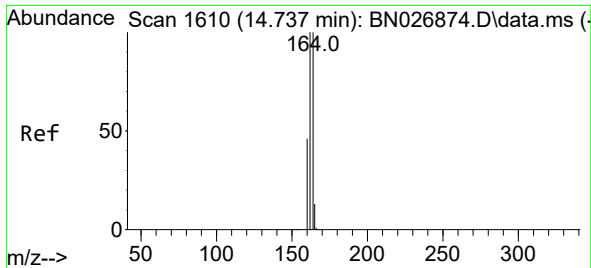
Tgt Ion: 82 Resp: 3265
Ion Ratio Lower Upper
82 100
128 40.2 34.1 51.1
54 49.9 37.0 55.4



#11
2-Methylnaphthalene-d10
Concen: 0.328 ng
RT: 12.475 min Scan# 1308
Delta R.T. -0.008 min
Lab File: BN027196.D
Acq: 27 Aug 2023 19:28

Tgt Ion: 152 Resp: 6937
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5

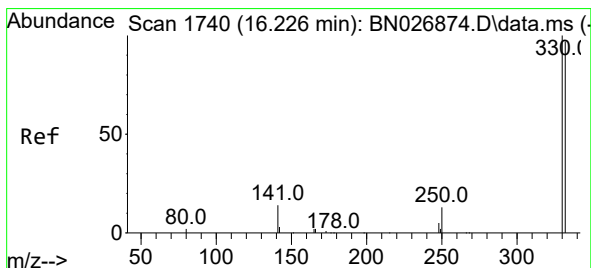
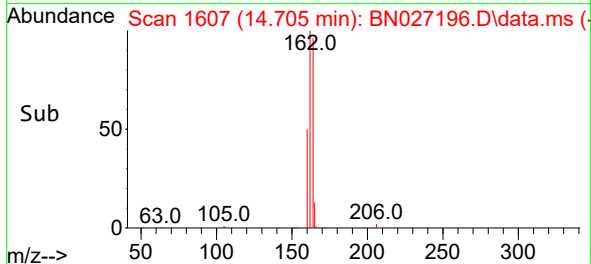
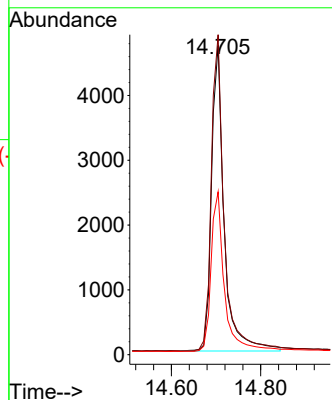
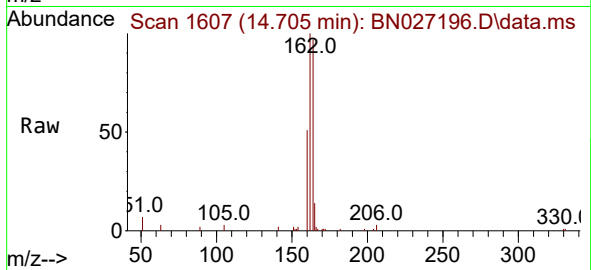




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.705 min Scan# 1607
Delta R.T. -0.000 min
Lab File: BN027196.D
Acq: 27 Aug 2023 19:28

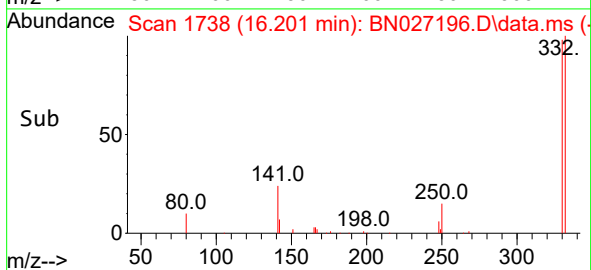
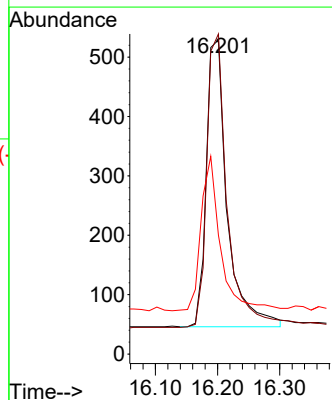
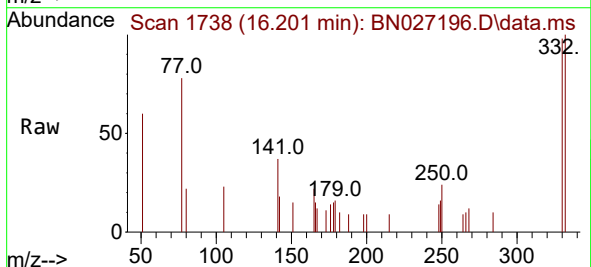
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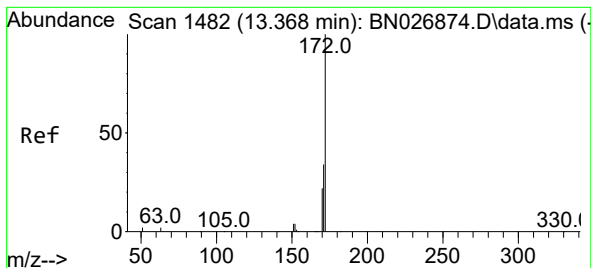
Tgt Ion:164 Resp: 9217
Ion Ratio Lower Upper
164 100
162 103.5 79.7 119.5
160 52.7 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.231 ng
RT: 16.201 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BN027196.D
Acq: 27 Aug 2023 19:28

Tgt Ion:330 Resp: 1133
Ion Ratio Lower Upper
330 100
332 99.8 76.6 114.8
141 49.6 32.3 48.5#





#15

2-Fluorobiphenyl

Concen: 0.308 ng

RT: 13.336 min Scan# 1482

Delta R.T. 0.000 min

Lab File: BN027196.D

Acq: 27 Aug 2023 19:28

Instrument :

BNA_N

ClientSampleId :

RE117D2-20230816

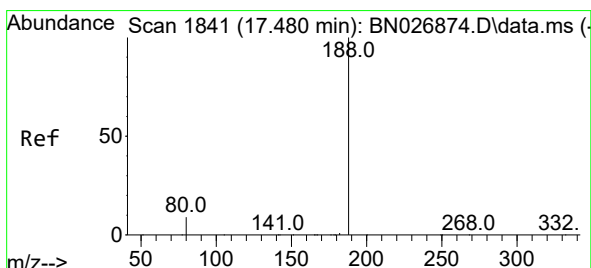
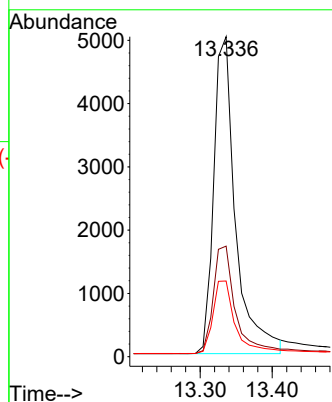
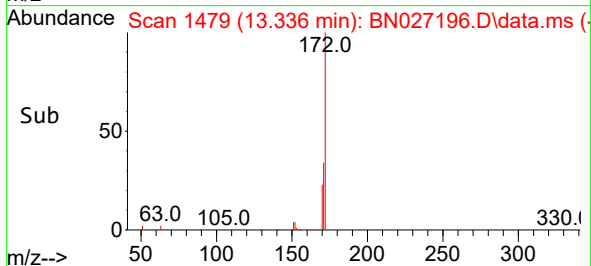
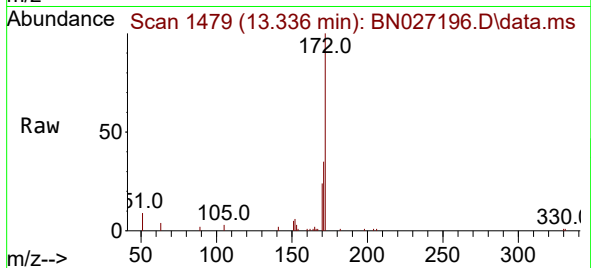
Tgt Ion:172 Resp: 10531

Ion Ratio Lower Upper

172 100

171 34.5 27.4 41.0

170 23.6 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: BN027196.D

Acq: 27 Aug 2023 19:28

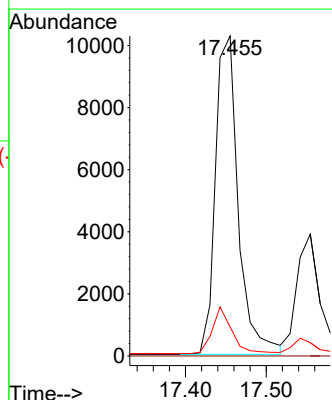
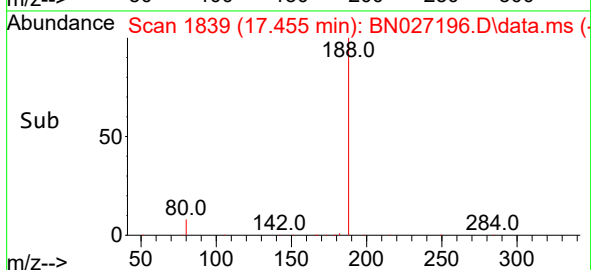
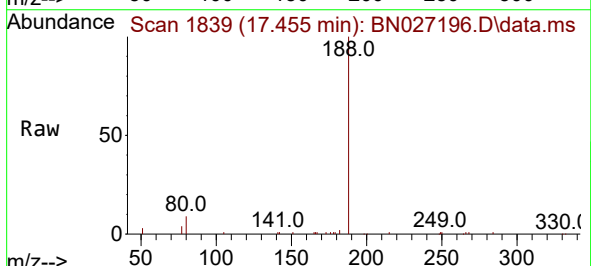
Tgt Ion:188 Resp: 20145

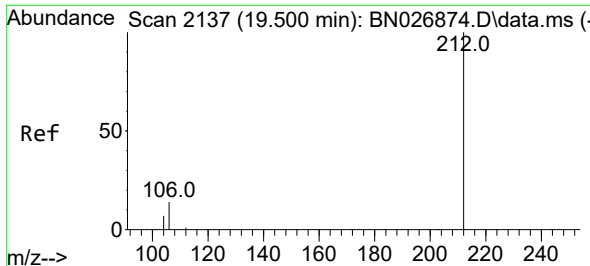
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.1 7.4 11.2

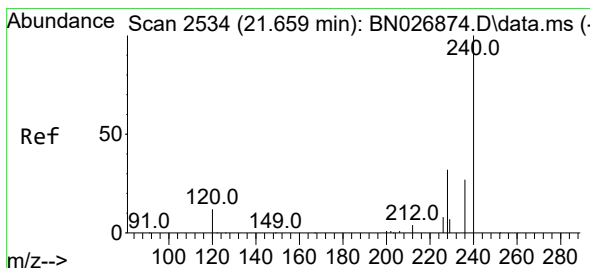
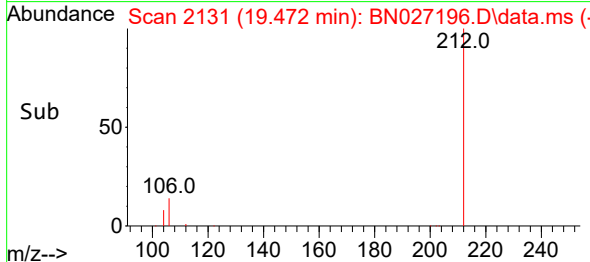
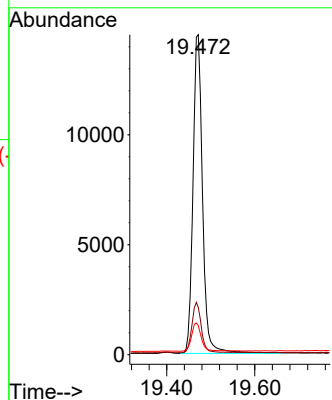
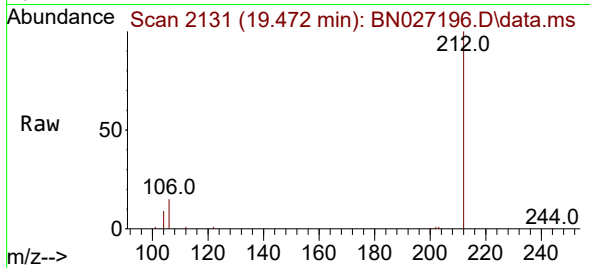




#27
Fluoranthene-d10
Concen: 0.424 ng
RT: 19.472 min Scan# 2131
Delta R.T. -0.005 min
Lab File: BN027196.D
Acq: 27 Aug 2023 19:28

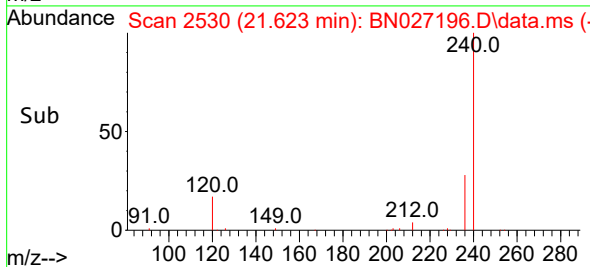
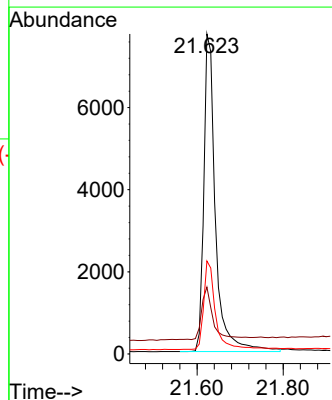
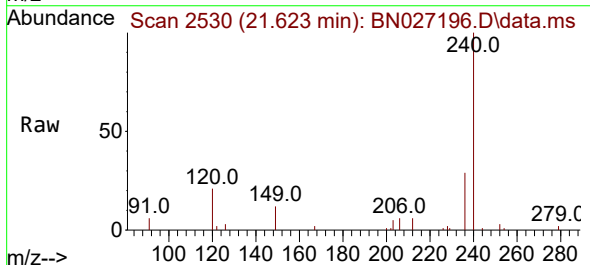
Instrument :
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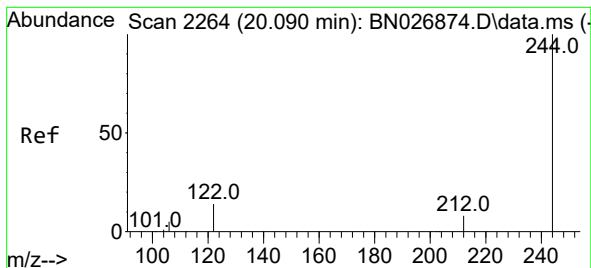
Tgt Ion:212 Resp: 21895
Ion Ratio Lower Upper
212 100
106 15.6 10.9 16.3
104 9.1 5.9 8.9#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.623 min Scan# 2530
Delta R.T. -0.009 min
Lab File: BN027196.D
Acq: 27 Aug 2023 19:28

Tgt Ion:240 Resp: 14636
Ion Ratio Lower Upper
240 100
120 20.9 11.1 16.7#
236 29.0 22.2 33.2





#31

Terphenyl-d14

Concen: 0.530 ng

RT: 20.057 min Scan# 21

Delta R.T. -0.005 min

Lab File: BN027196.D

Acq: 27 Aug 2023 19:28

Instrument :

BNA_N

ClientSampleId :

RE117D2-20230816

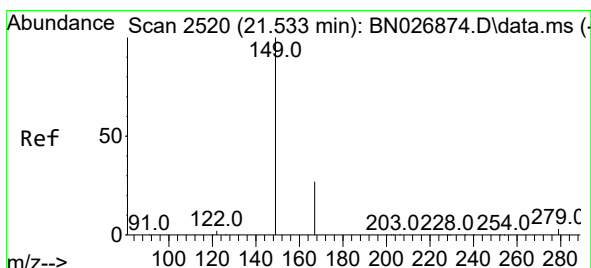
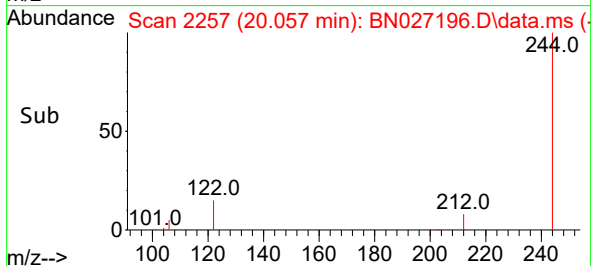
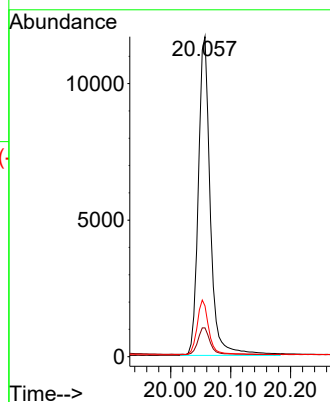
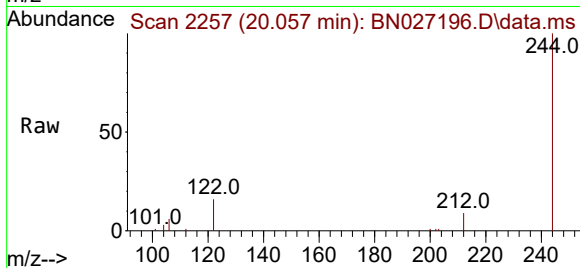
Tgt Ion:244 Resp: 16210

Ion Ratio Lower Upper

244 100

212 9.0 6.9 10.3

122 15.8 11.9 17.9



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.053 ng

RT: 21.479 min Scan# 2514

Delta R.T. -0.018 min

Lab File: BN027196.D

Acq: 27 Aug 2023 19:28

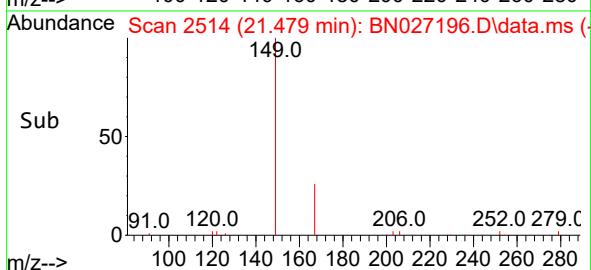
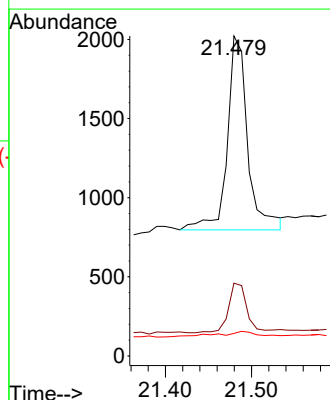
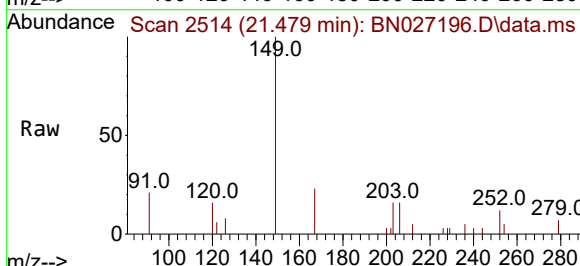
Tgt Ion:149 Resp: 2021

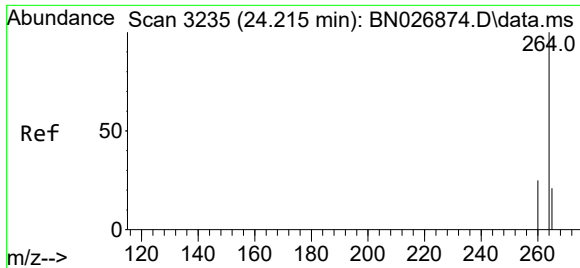
Ion Ratio Lower Upper

149 100

167 23.3 21.4 32.0

279 4.8 3.6 5.4





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.159 min Scan# 31

Delta R.T. -0.012 min

Lab File: BN027196.D

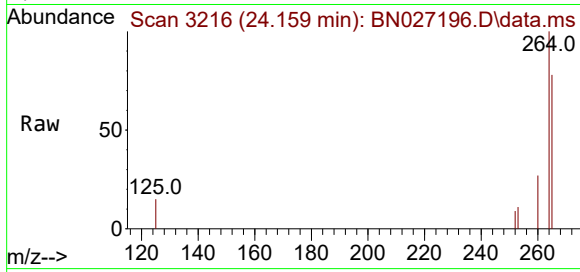
Acq: 27 Aug 2023 19:28

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BNA_N

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Tgt Ion:264 Resp: 11586

Ion Ratio Lower Upper

264 100

260 26.5 20.4 30.6

265 78.2 27.0 40.6#

