

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081723\
 Data File : BN026941.D
 Acq On : 17 Aug 2023 14:22
 Operator : MA/JU
 Sample : 04024-05DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20230815DL

Quant Time: Aug 18 03:12:07 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)

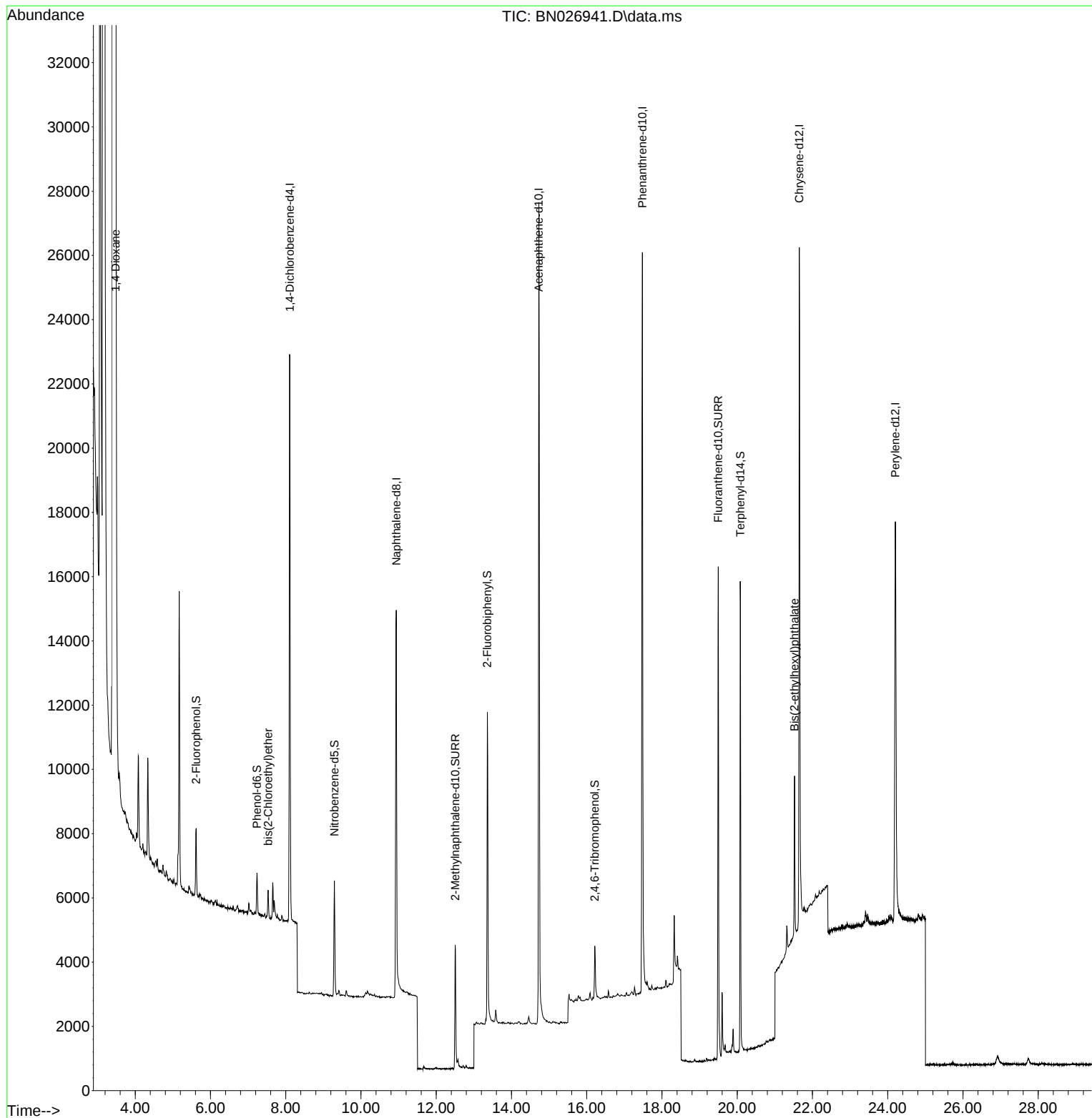
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.109	152	9241	0.400	ng	0.00
7) Naphthalene-d8	10.938	136	20140	0.400	ng	0.00
13) Acenaphthene-d10	14.726	164	16313	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	36799	0.400	ng	0.00
29) Chrysene-d12	21.650	240	23631	0.400	ng	# 0.00
35) Perylene-d12	24.203	264	21788	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.618	112	1893	0.073	ng	0.00
5) Phenol-d6	7.235	99	1362	0.042	ng	0.00
8) Nitrobenzene-d5	9.294	82	3016	0.177	ng	0.00
11) 2-Methylnaphthalene-d10	12.506	152	5932	0.185	ng	0.00
14) 2,4,6-Tribromophenol	16.214	330	1119	0.129	ng	0.00
15) 2-Fluorobiphenyl	13.357	172	9656	0.159	ng	0.00
27) Fluoranthene-d10	19.495	212	16925	0.179	ng	0.00
31) Terphenyl-d14	20.080	244	15055	0.305	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.480	88	32359	3.256	ng	Qvalue 96
6) bis(2-Chloroethyl)ether	7.531	93	695	0.026	ng	98
34) Bis(2-ethylhexyl)phtha...	21.524	149	5110	0.083	ng	98

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

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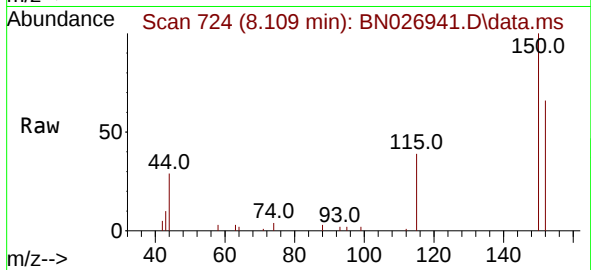
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 15:56:02 2023
Response via : Initial Calibration



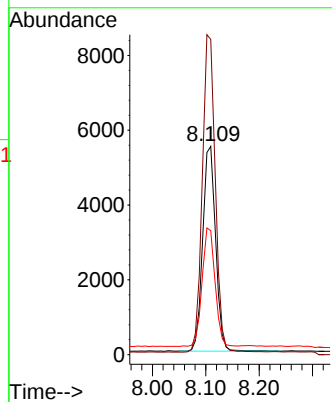
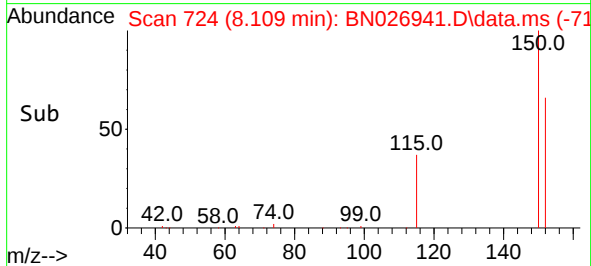


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.109 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BN026941.D
 Acq: 17 Aug 2023 14:22

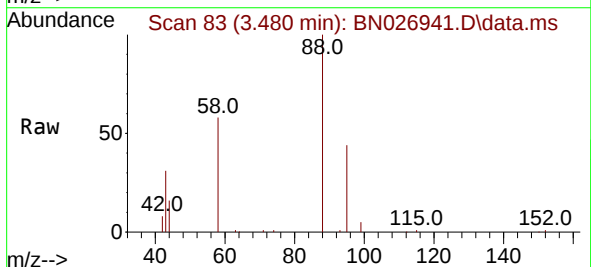
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 ClientSampleId :
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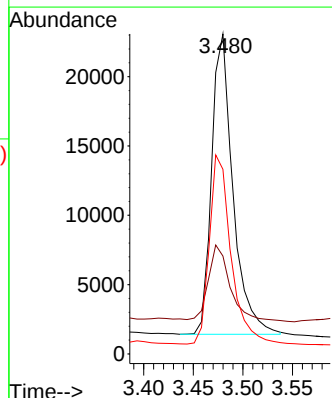
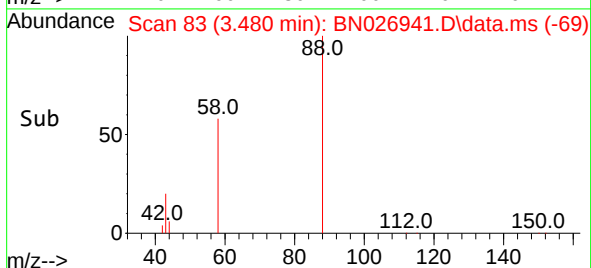
Tgt Ion:152 Resp: 9241
 Ion Ratio Lower Upper
 152 100
 150 151.3 123.8 185.6
 115 59.5 49.7 74.5



#2
 1,4-Dioxane
 Concen: 3.256 ng
 RT: 3.480 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: BN026941.D
 Acq: 17 Aug 2023 14:22



Tgt Ion: 88 Resp: 32359
 Ion Ratio Lower Upper
 88 100
 43 25.1 19.2 28.8
 58 64.2 54.5 81.7

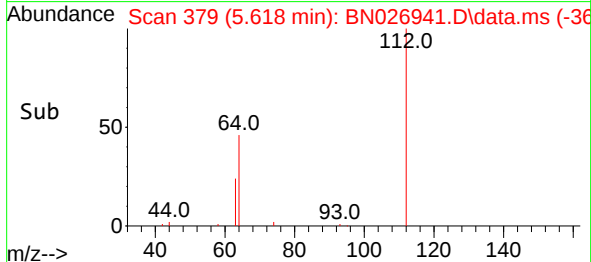
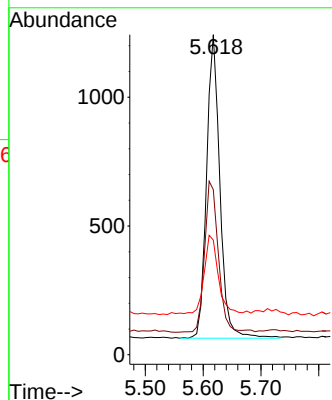
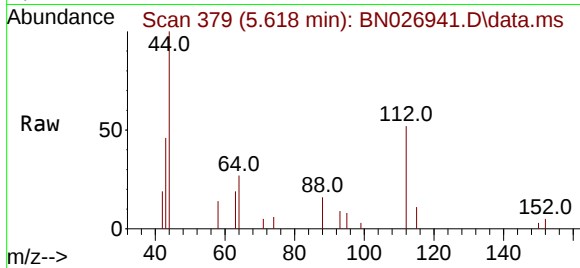




#4
2-Fluorophenol
Concen: 0.073 ng
RT: 5.618 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN026941.D
Acq: 17 Aug 2023 14:22

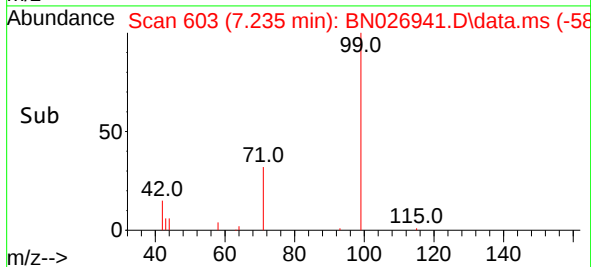
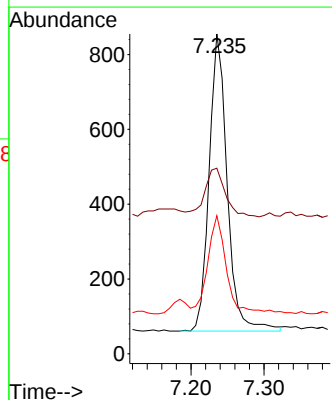
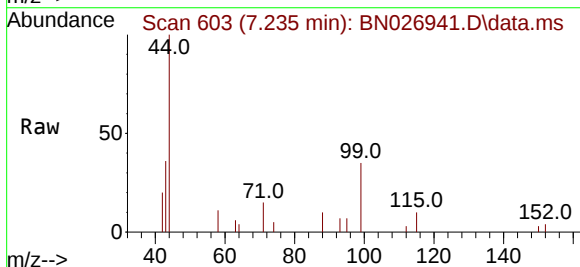
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BNA_N
ClientSampleId :
RE115D2-20230815DL

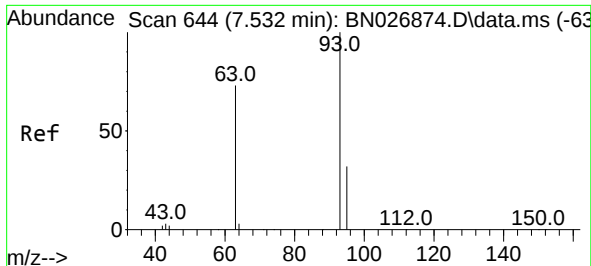
Tgt Ion:112 Resp: 1893
Ion Ratio Lower Upper
112 100
64 51.5 41.5 62.3
63 28.4 21.7 32.5



#5
Phenol-d6
Concen: 0.042 ng
RT: 7.235 min Scan# 603
Delta R.T. -0.000 min
Lab File: BN026941.D
Acq: 17 Aug 2023 14:22

Tgt Ion: 99 Resp: 1362
Ion Ratio Lower Upper
99 100
42 18.8 13.6 20.4
71 34.2 26.0 39.0

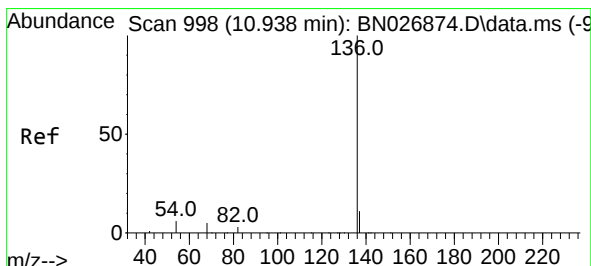
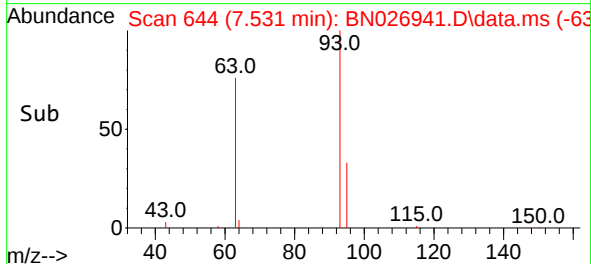
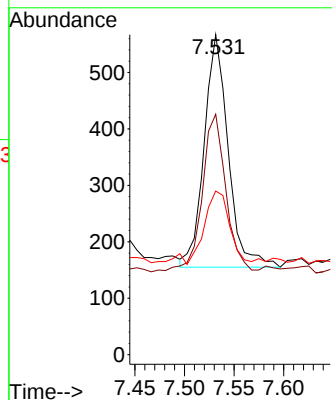
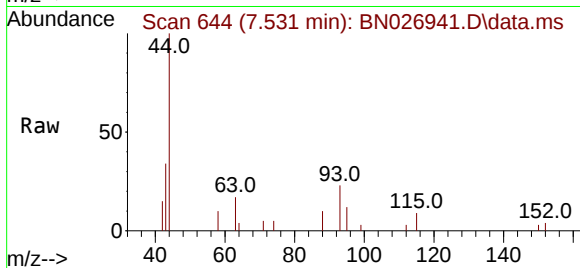




#6
bis(2-Chloroethyl)ether
Concen: 0.026 ng
RT: 7.531 min Scan# 644
Delta R.T. -0.000 min
Lab File: BN026941.D
Acq: 17 Aug 2023 14:22

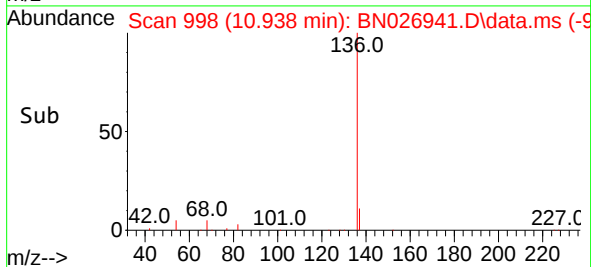
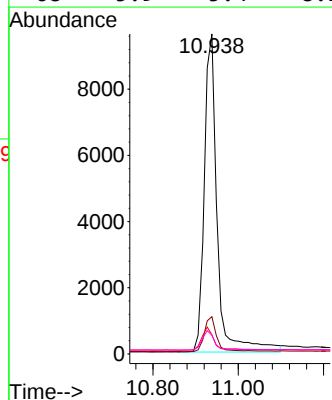
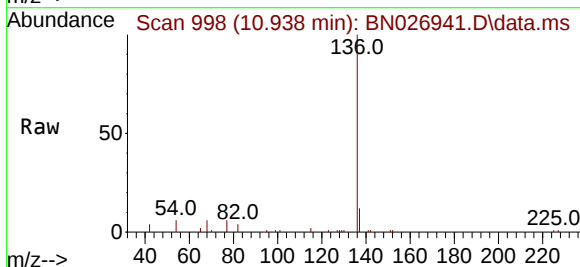
Instrument :
BNA_N
ClientSampleId :
RE115D2-20230815DL

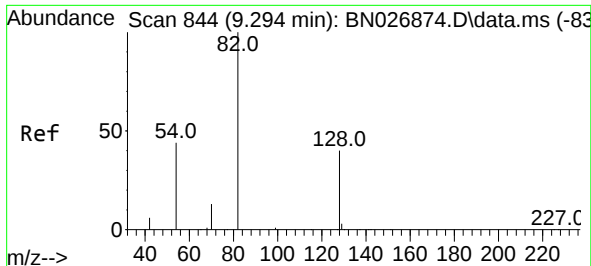
Tgt Ion: 93	Resp: 695
Ion Ratio	Lower Upper
93 100	
63 67.2	55.0 82.4
95 30.8	26.2 39.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.938 min Scan# 998
Delta R.T. -0.000 min
Lab File: BN026941.D
Acq: 17 Aug 2023 14:22

Tgt Ion	136	Resp:	20140
	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	6.0	5.5	8.3
68	5.9	5.4	8.2

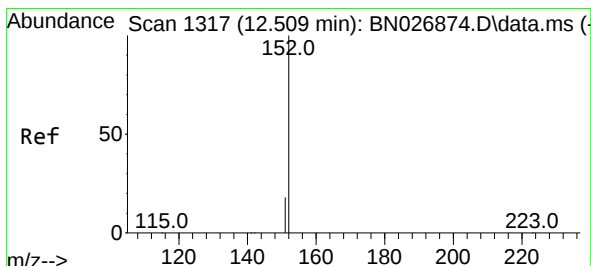
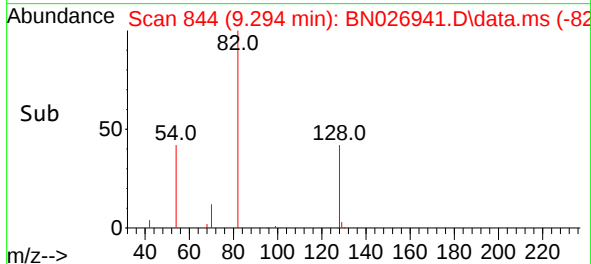
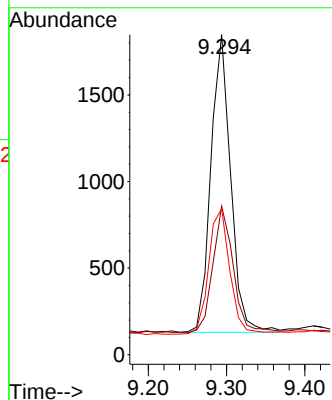
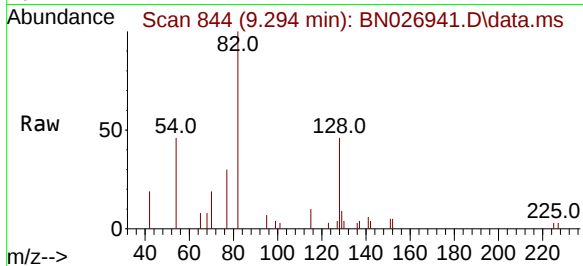




#8
Nitrobenzene-d5
Concen: 0.177 ng
RT: 9.294 min Scan# 844
Delta R.T. -0.000 min
Lab File: BN026941.D
Acq: 17 Aug 2023 14:22

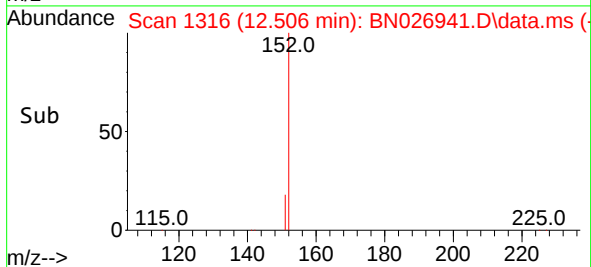
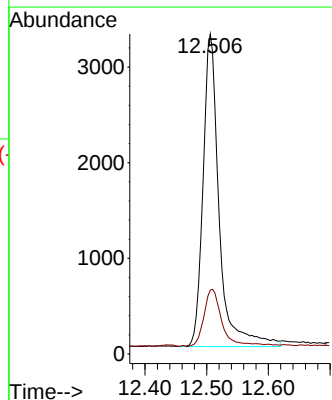
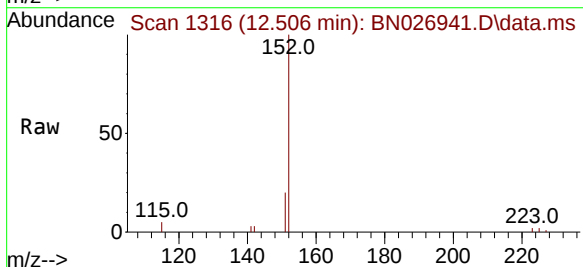
Instrument :
BNA_N
ClientSampleId :
RE115D2-20230815DL

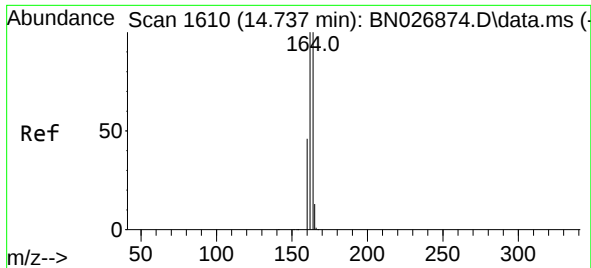
Tgt Ion: 82 Resp: 3016
Ion Ratio Lower Upper
82 100
128 46.5 34.1 51.1
54 45.7 37.0 55.4



#11
2-Methylnaphthalene-d10
Concen: 0.185 ng
RT: 12.506 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BN026941.D
Acq: 17 Aug 2023 14:22

Tgt Ion: 152 Resp: 5932
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5

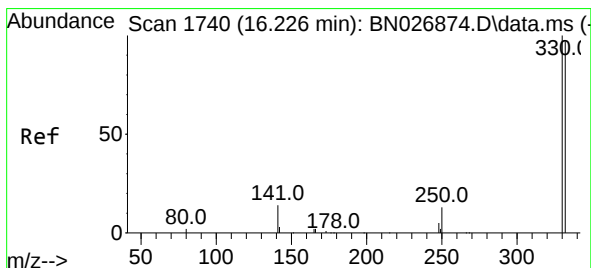
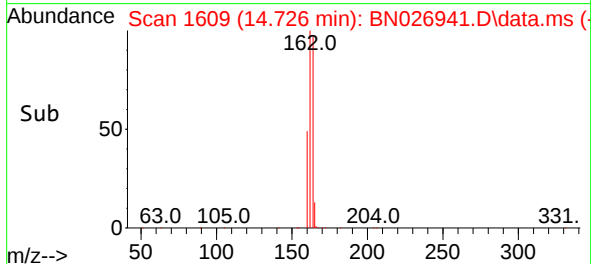
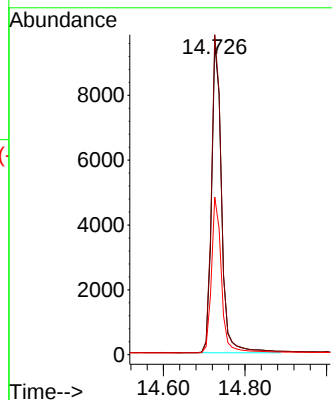
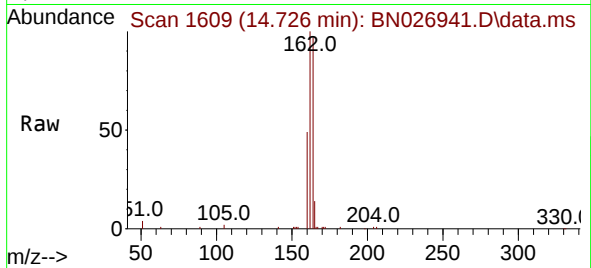




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.726 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BN026941.D
Acq: 17 Aug 2023 14:22

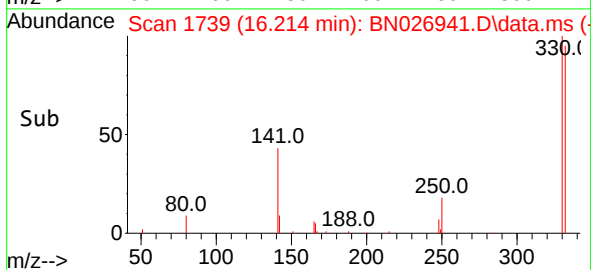
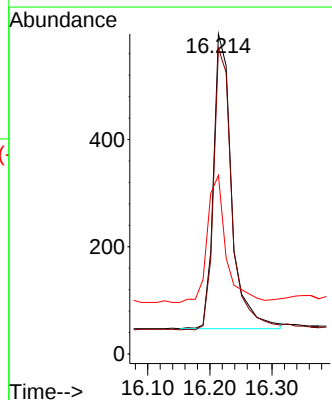
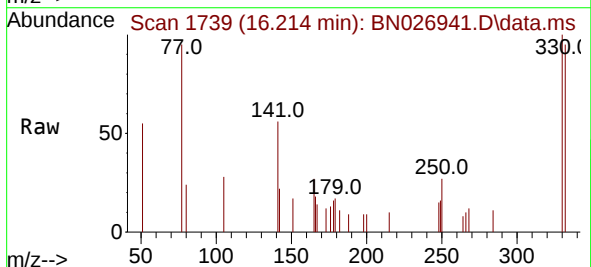
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ClientSampleId :
RE115D2-20230815DL

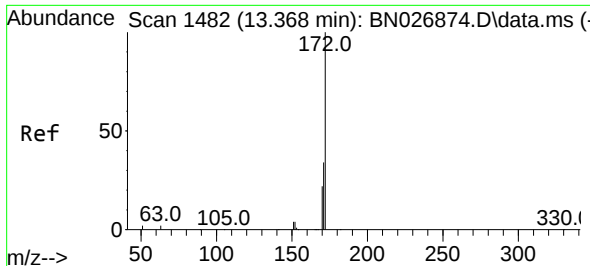
Tgt Ion:164 Resp: 16313
Ion Ratio Lower Upper
164 100
162 102.9 79.7 119.5
160 50.7 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.129 ng
RT: 16.214 min Scan# 1739
Delta R.T. -0.000 min
Lab File: BN026941.D
Acq: 17 Aug 2023 14:22

Tgt Ion:330 Resp: 1119
Ion Ratio Lower Upper
330 100
332 96.6 76.6 114.8
141 44.1 32.3 48.5

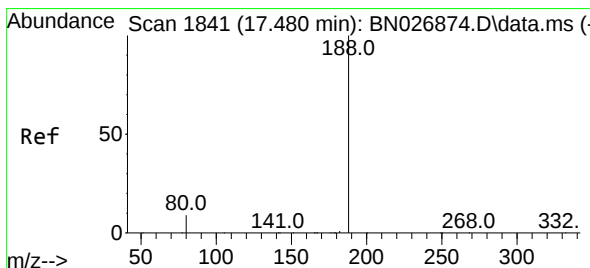
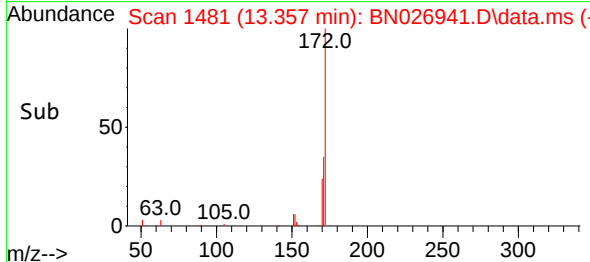
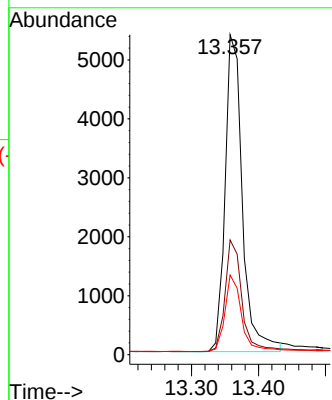
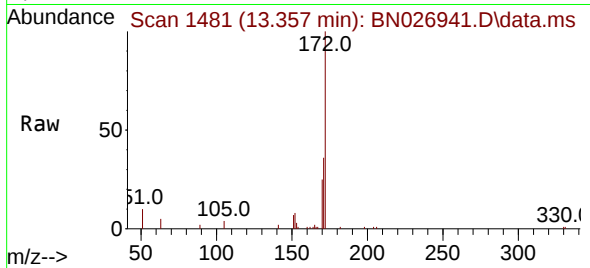




#15
2-Fluorobiphenyl
Concen: 0.159 ng
RT: 13.357 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BN026941.D
Acq: 17 Aug 2023 14:22

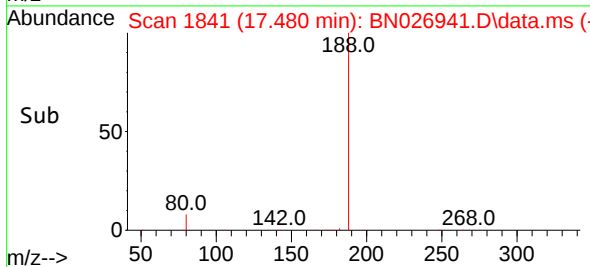
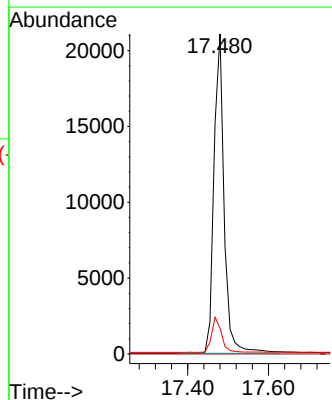
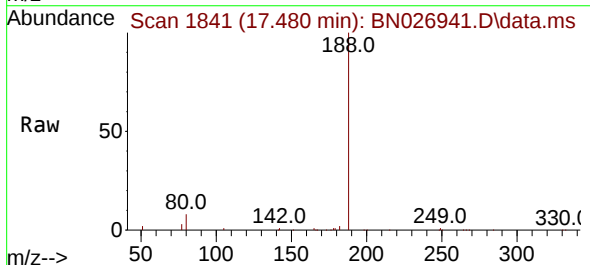
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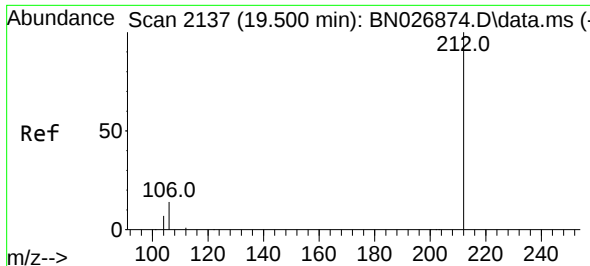
Tgt Ion:172 Resp: 9656
Ion Ratio Lower Upper
172 100
171 35.8 27.4 41.0
170 24.9 18.0 27.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BN026941.D
Acq: 17 Aug 2023 14:22

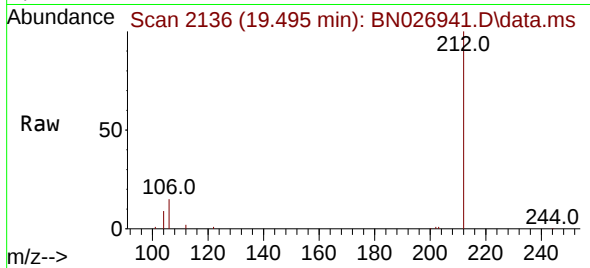
Tgt Ion:188 Resp: 36799
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.1 7.4 11.2



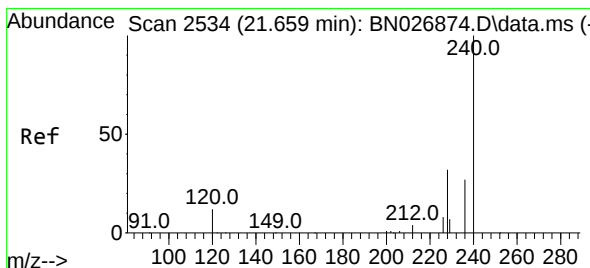
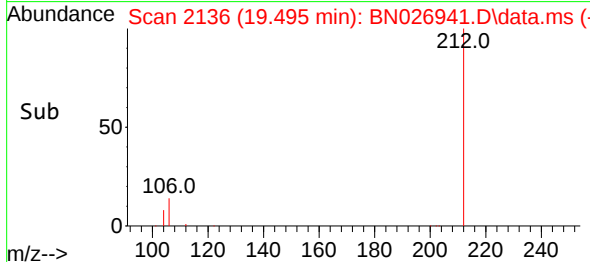
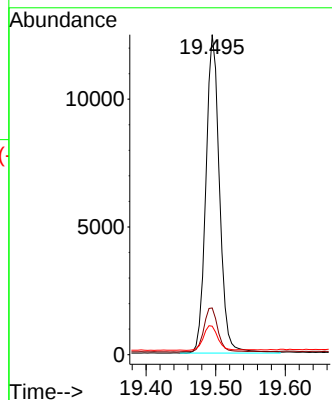


#27
Fluoranthene-d10
Concen: 0.179 ng
RT: 19.495 min Scan# 2136
Delta R.T. -0.005 min
Lab File: BN026941.D
Acq: 17 Aug 2023 14:22

Instrument :
BNA_N
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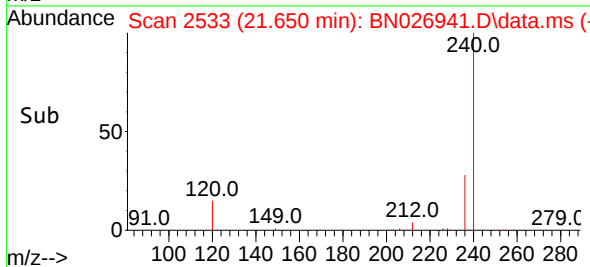
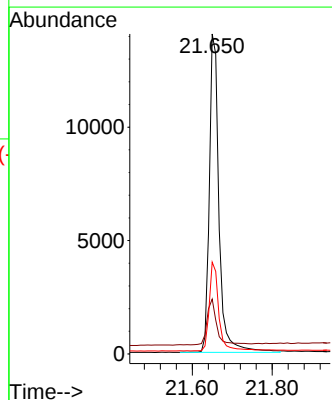
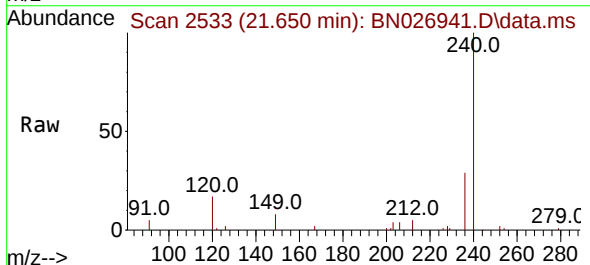


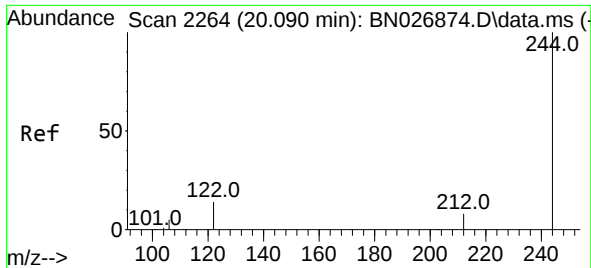
Tgt Ion:212 Resp: 16925
Ion Ratio Lower Upper
212 100
106 14.4 10.9 16.3
104 8.2 5.9 8.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.650 min Scan# 2533
Delta R.T. -0.009 min
Lab File: BN026941.D
Acq: 17 Aug 2023 14:22

Tgt Ion:240 Resp: 23631
Ion Ratio Lower Upper
240 100
120 17.2 11.1 16.7#
236 28.7 22.2 33.2

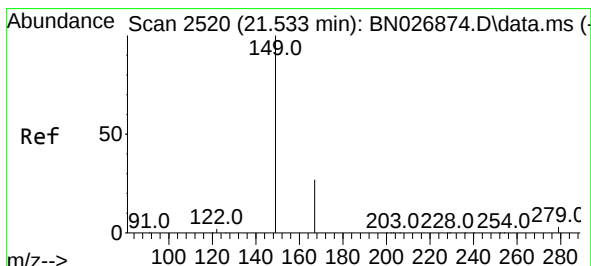
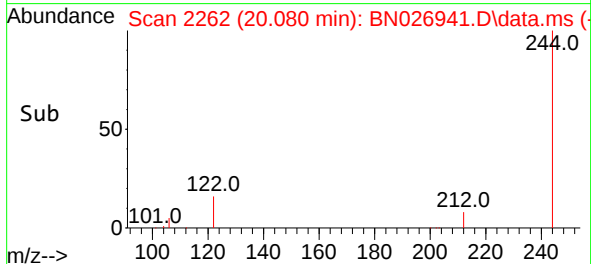
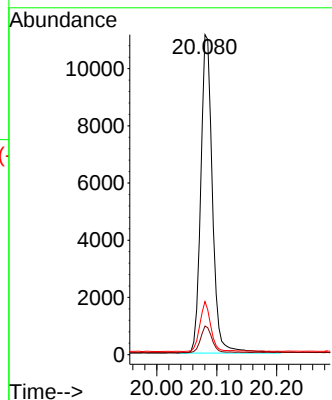
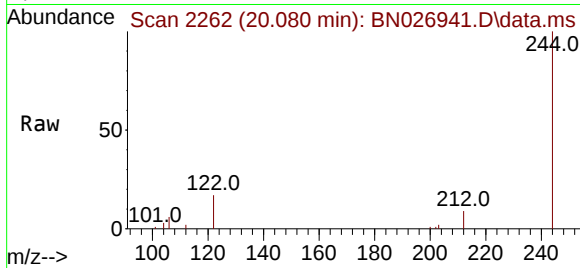




#31
Terphenyl-d14
Concen: 0.305 ng
RT: 20.080 min Scan# 2119
Delta R.T. -0.005 min
Lab File: BN026941.D
Acq: 17 Aug 2023 14:22

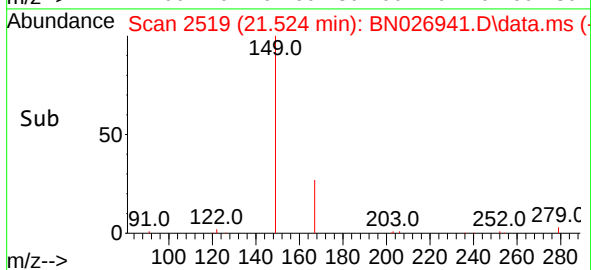
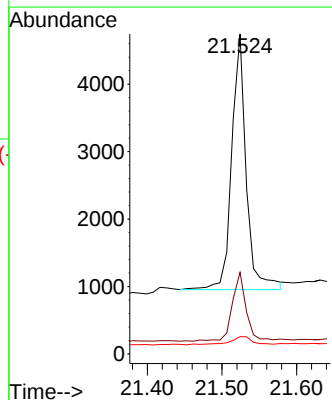
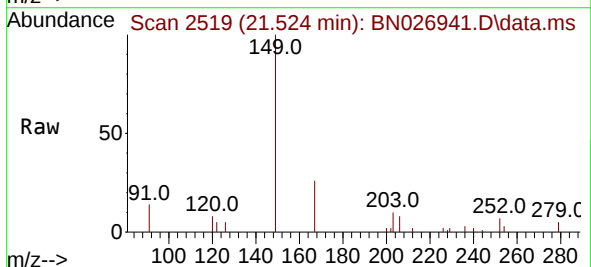
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RE115D2-20230815DL

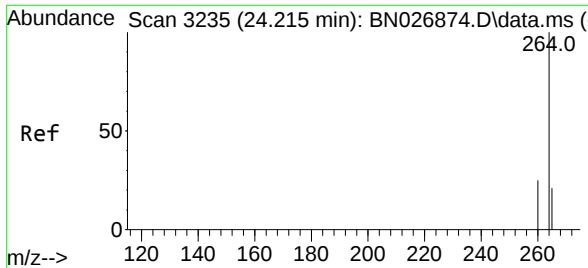
Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.9	10.3
122	16.6	11.9	17.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.083 ng
RT: 21.524 min Scan# 2519
Delta R.T. -0.000 min
Lab File: BN026941.D
Acq: 17 Aug 2023 14:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.4	32.0
279	5.0	3.6	5.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.203 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN026941.D
Acq: 17 Aug 2023 14:22

Instrument :
BNA_N
ClientSampleId :
RE115D2-20230815DL

Tgt Ion:264	Resp:	21788
Ion	Ratio	Lower Upper
264	100	
260	25.7	20.4 30.6
265	58.7	27.0 40.6#

