

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081723\
 Data File : BN026944.D
 Acq On : 17 Aug 2023 16:13
 Operator : MA/JU
 Sample : 04024-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE114D2-20230815

Quant Time: Aug 18 03:12:37 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)

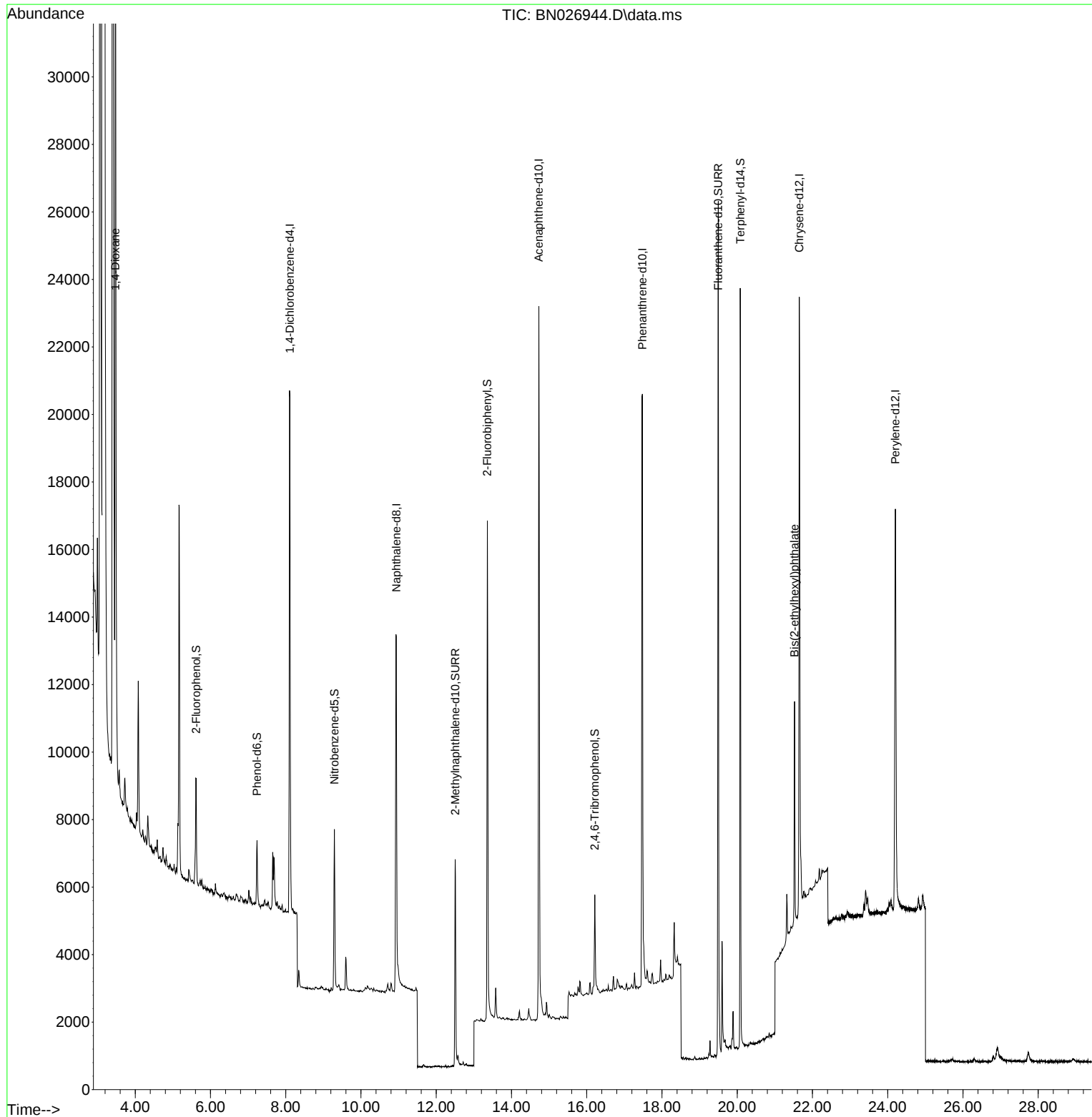
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.109	152	7650	0.400	ng	0.00
7) Naphthalene-d8	10.938	136	18323	0.400	ng	0.00
13) Acenaphthene-d10	14.726	164	13379	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	30171	0.400	ng	0.00
29) Chrysene-d12	21.650	240	20133	0.400	ng	# 0.00
35) Perylene-d12	24.203	264	19257	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.618	112	2802	0.130	ng	0.00
5) Phenol-d6	7.236	99	2014	0.076	ng	0.00
8) Nitrobenzene-d5	9.294	82	4070	0.263	ng	0.00
11) 2-Methylnaphthalene-d10	12.506	152	9158	0.314	ng	0.00
14) 2,4,6-Tribromophenol	16.214	330	1769	0.248	ng	0.00
15) 2-Fluorobiphenyl	13.358	172	14112	0.284	ng	0.00
27) Fluoranthene-d10	19.495	212	28186	0.364	ng	0.00
31) Terphenyl-d14	20.080	244	22427	0.533	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.473	88	24799	3.014	ng	95
34) Bis(2-ethylhexyl)phtha...	21.524	149	6227	0.119	ng	98

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

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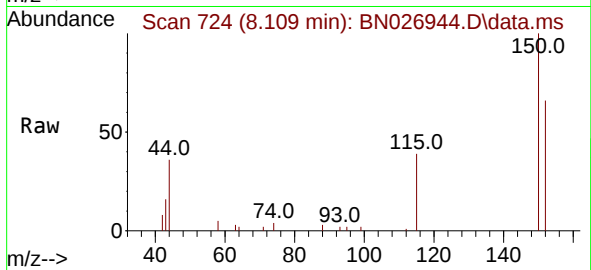
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 15:56:02 2023
Response via : Initial Calibration



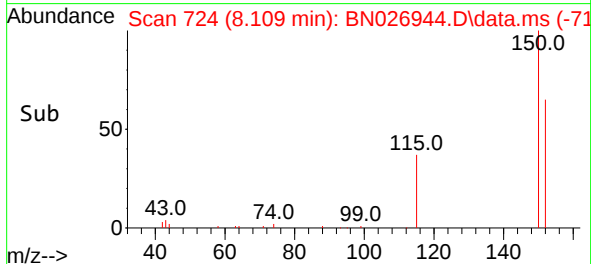
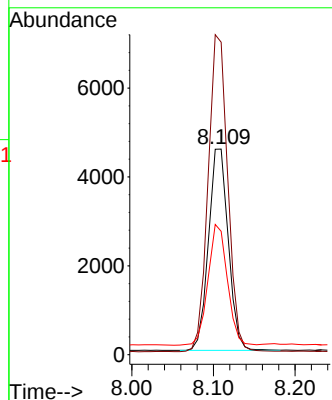


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.109 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BN026944.D
 Acq: 17 Aug 2023 16:13

Instrument :
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 RE114D2-20230815

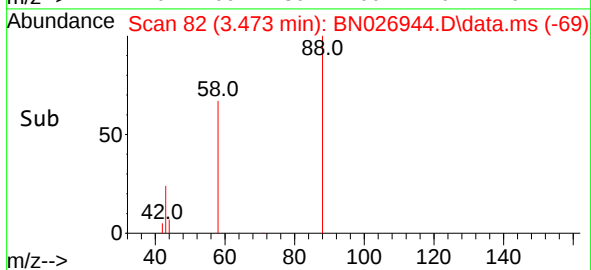
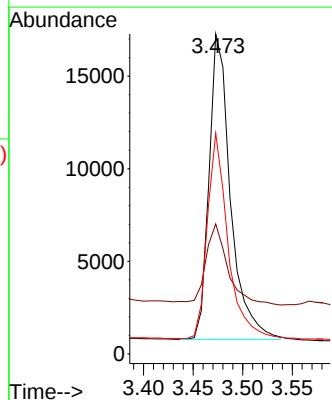
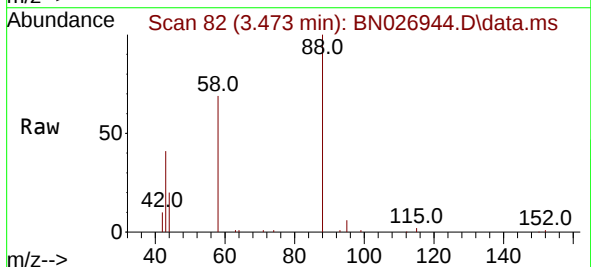


Tgt Ion:152 Resp: 7650
 Ion Ratio Lower Upper
 152 100
 150 152.0 123.8 185.6
 115 60.0 49.7 74.5



#2
 1,4-Dioxane
 Concen: 3.014 ng
 RT: 3.473 min Scan# 82
 Delta R.T. -0.007 min
 Lab File: BN026944.D
 Acq: 17 Aug 2023 16:13

Tgt Ion: 88 Resp: 24799
 Ion Ratio Lower Upper
 88 100
 43 27.0 19.2 28.8
 58 64.3 54.5 81.7

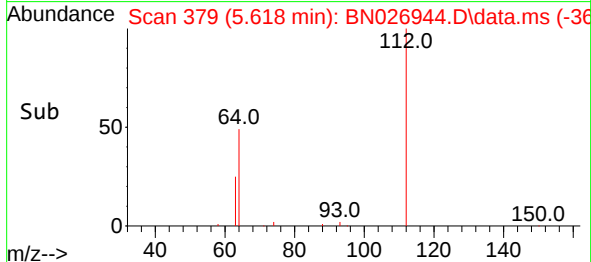
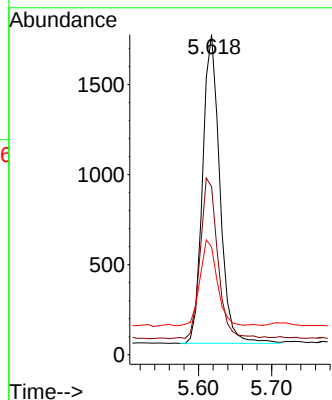
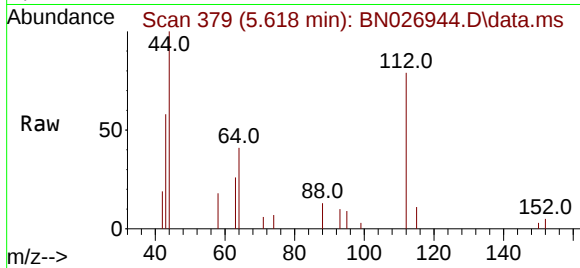




#4
2-Fluorophenol
Concen: 0.130 ng
RT: 5.618 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN026944.D
Acq: 17 Aug 2023 16:13

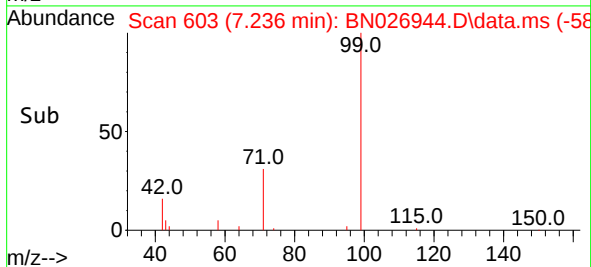
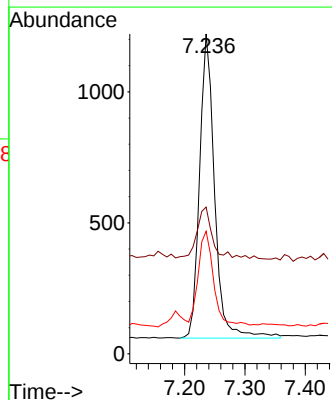
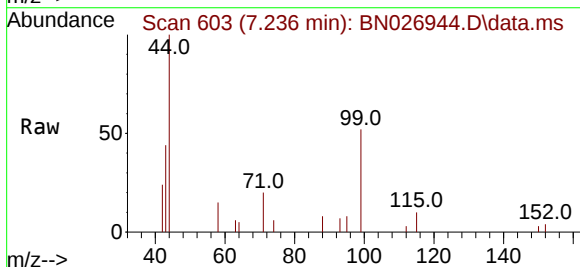
Instrument :
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RE114D2-20230815

Tgt Ion:112 Resp: 2802
Ion Ratio Lower Upper
112 100
64 53.2 41.5 62.3
63 27.7 21.7 32.5



#5
Phenol-d6
Concen: 0.076 ng
RT: 7.236 min Scan# 603
Delta R.T. 0.000 min
Lab File: BN026944.D
Acq: 17 Aug 2023 16:13

Tgt Ion: 99 Resp: 2014
Ion Ratio Lower Upper
99 100
42 18.1 13.6 20.4
71 31.4 26.0 39.0

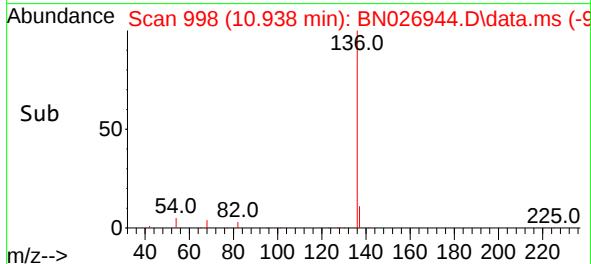
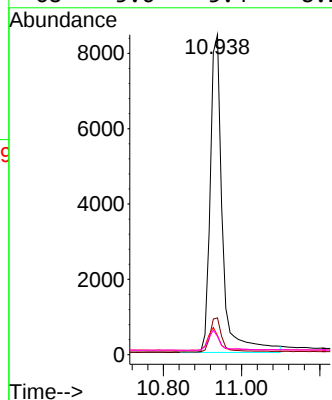
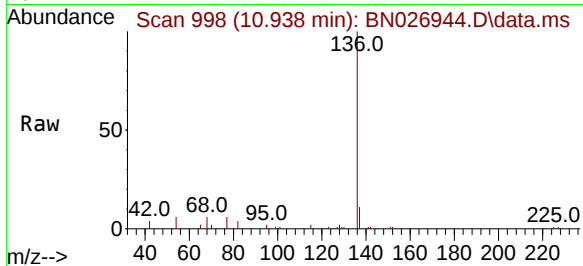




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.938 min Scan# 998
Delta R.T. 0.000 min
Lab File: BN026944.D
Acq: 17 Aug 2023 16:13

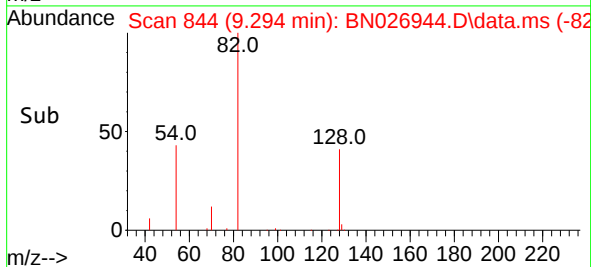
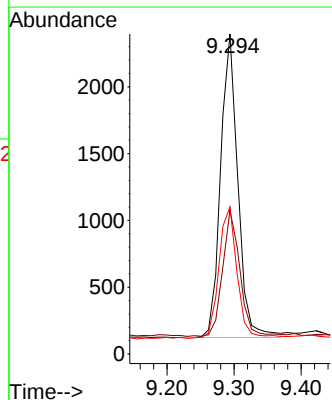
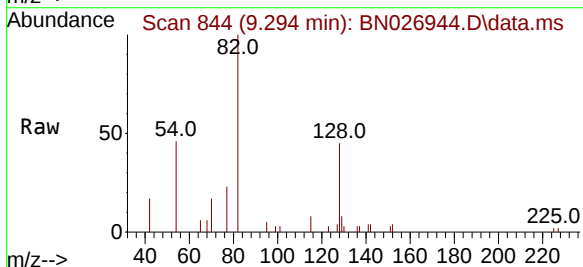
Instrument :
BNA_N
ClientSampleId :
RE114D2-20230815

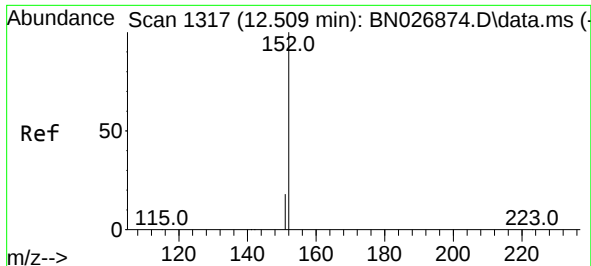
Tgt Ion:	136	Resp:	18323
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	6.0	5.5	8.3
68	5.6	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.263 ng
RT: 9.294 min Scan# 844
Delta R.T. 0.000 min
Lab File: BN026944.D
Acq: 17 Aug 2023 16:13

Tgt Ion:	82	Resp:	4070
Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.1	51.1
54	46.0	37.0	55.4

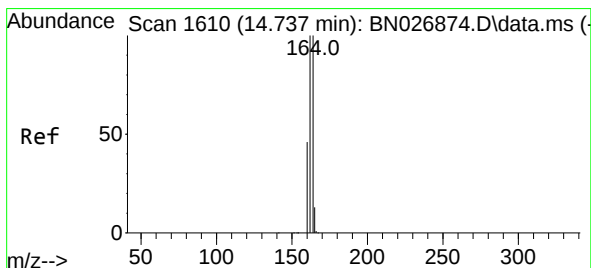
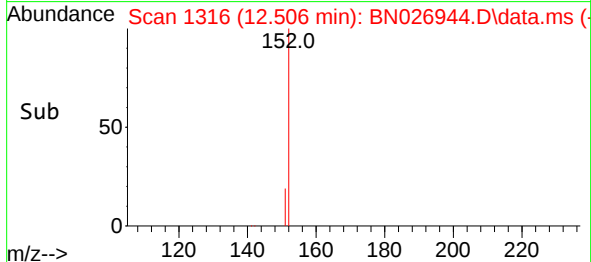
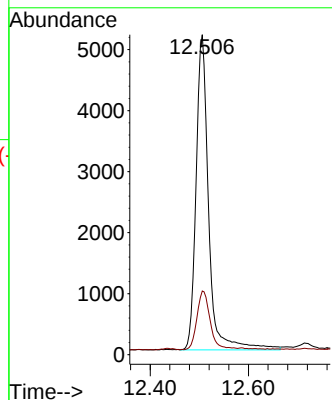
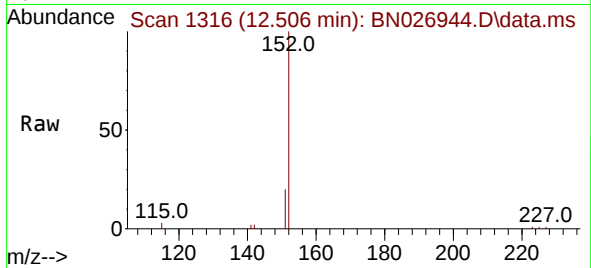




#11
2-Methylnaphthalene-d10
Concen: 0.314 ng
RT: 12.506 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN026944.D
Acq: 17 Aug 2023 16:13

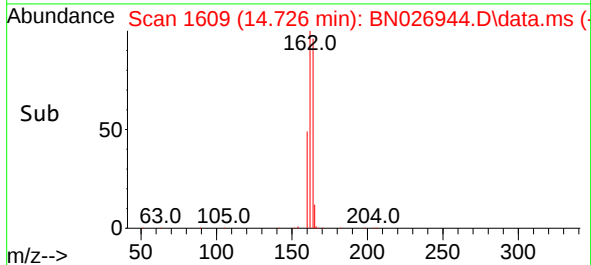
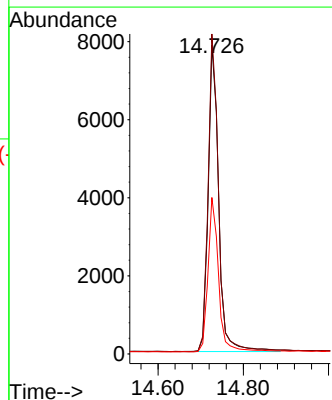
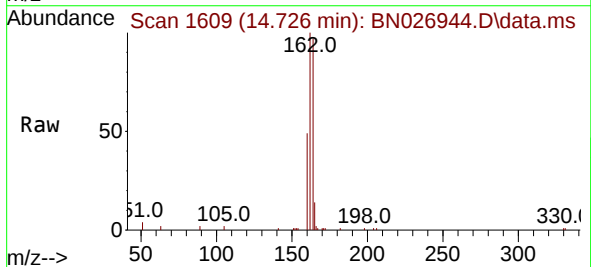
Instrument :
BNA_N
ClientSampleId :
RE114D2-20230815

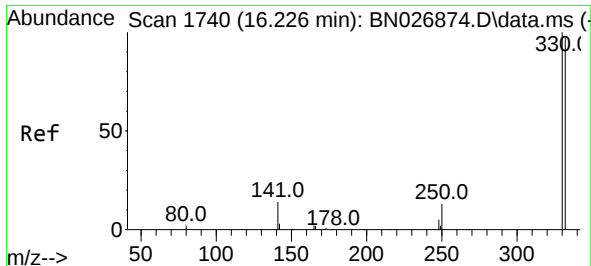
Tgt Ion:152 Resp: 9158
Ion Ratio Lower Upper
152 100
151 19.6 16.3 24.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.726 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BN026944.D
Acq: 17 Aug 2023 16:13

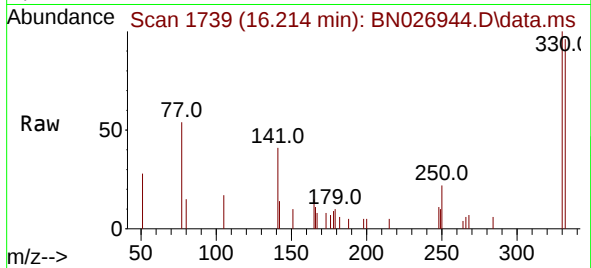
Tgt Ion:164 Resp: 13379
Ion Ratio Lower Upper
164 100
162 103.6 79.7 119.5
160 50.6 37.4 56.0



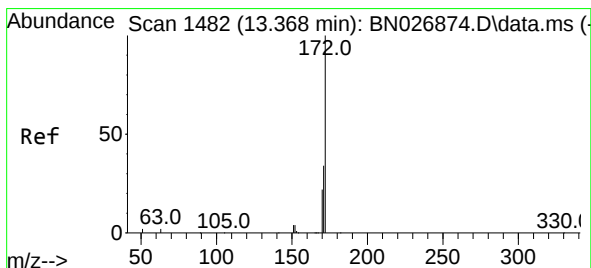
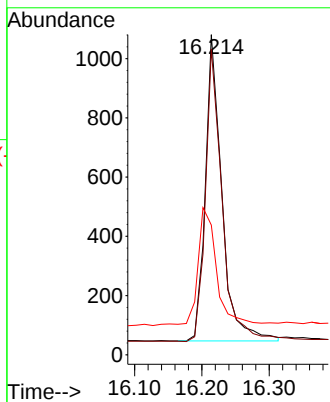
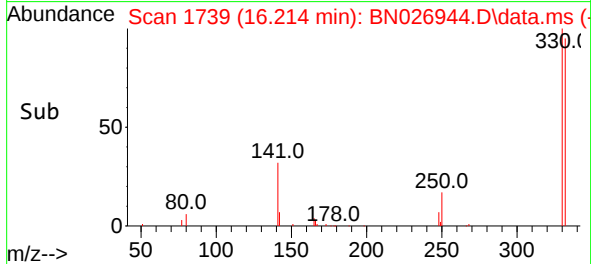


#14
2,4,6-Tribromophenol
Concen: 0.248 ng
RT: 16.214 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN026944.D
Acq: 17 Aug 2023 16:13

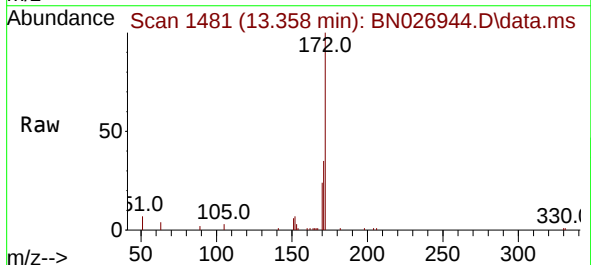
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ClientSampleId :
RE114D2-20230815



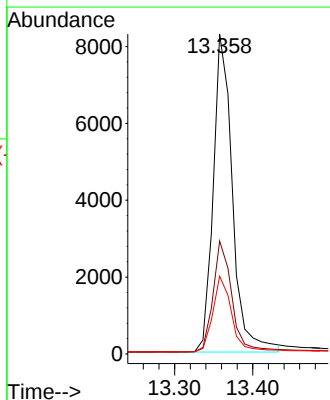
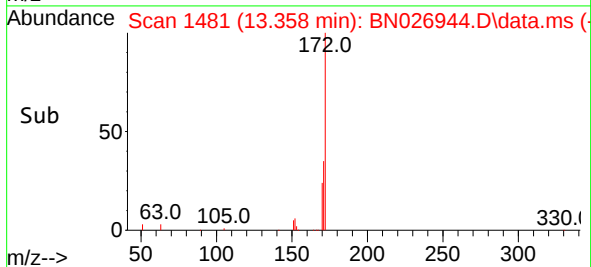
Tgt Ion: 330 Resp: 1769
Ion Ratio Lower Upper
330 100
332 95.9 76.6 114.8
141 41.4 32.3 48.5

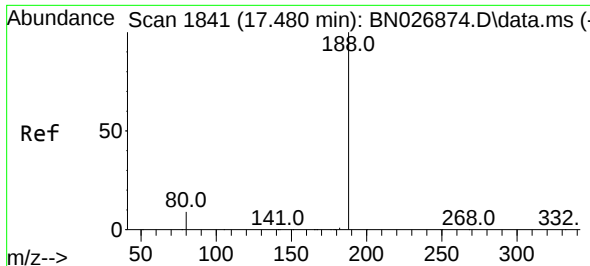


#15
2-Fluorobiphenyl
Concen: 0.284 ng
RT: 13.358 min Scan# 1481
Delta R.T. 0.000 min
Lab File: BN026944.D
Acq: 17 Aug 2023 16:13



Tgt Ion: 172 Resp: 14112
Ion Ratio Lower Upper
172 100
171 35.3 27.4 41.0
170 24.3 18.0 27.0

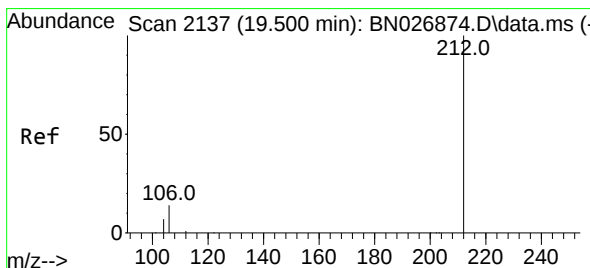
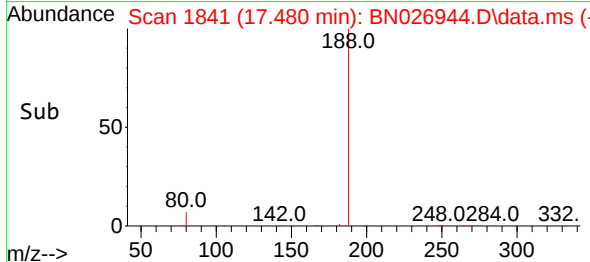
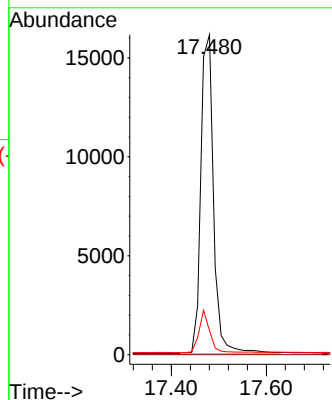
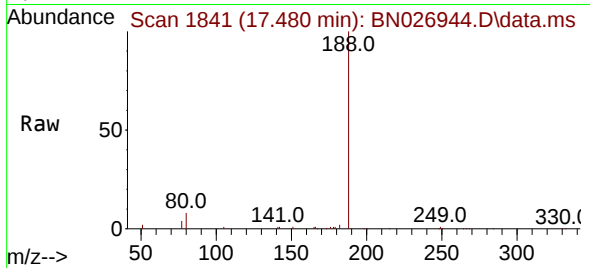




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN026944.D
Acq: 17 Aug 2023 16:13

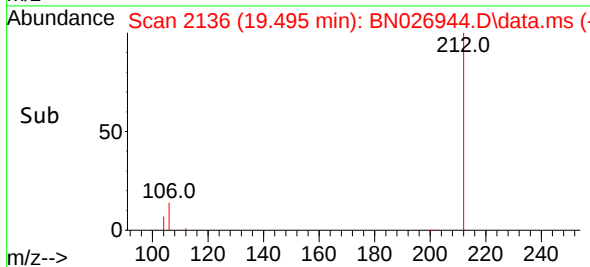
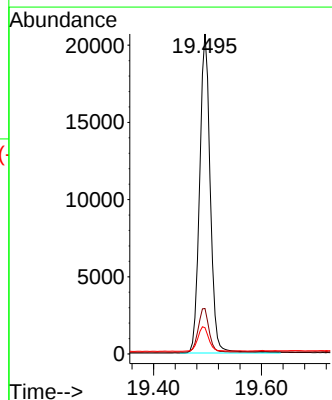
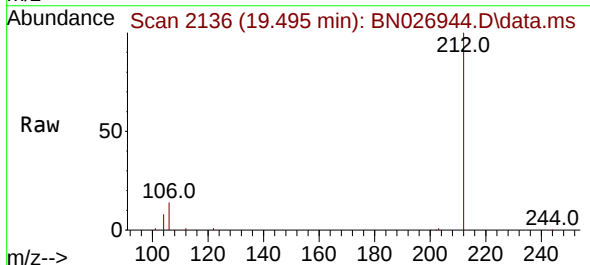
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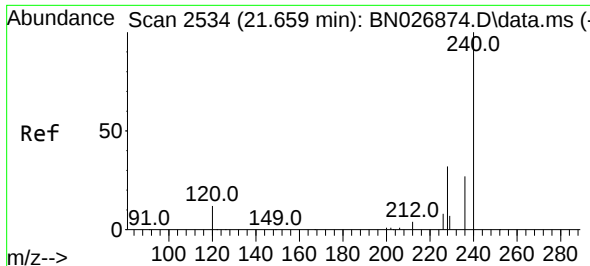
Tgt Ion:188 Resp: 30171
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.5 7.4 11.2



#27
Fluoranthene-d10
Concen: 0.364 ng
RT: 19.495 min Scan# 2136
Delta R.T. -0.005 min
Lab File: BN026944.D
Acq: 17 Aug 2023 16:13

Tgt Ion:212 Resp: 28186
Ion Ratio Lower Upper
212 100
106 14.1 10.9 16.3
104 7.8 5.9 8.9

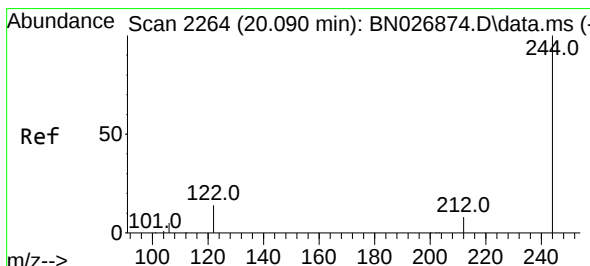
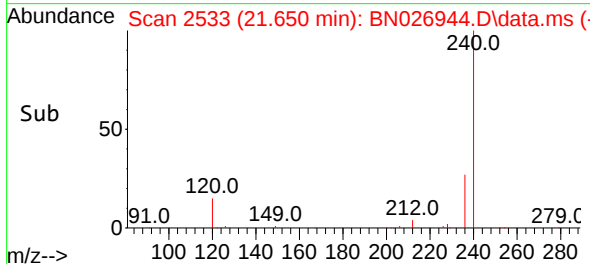
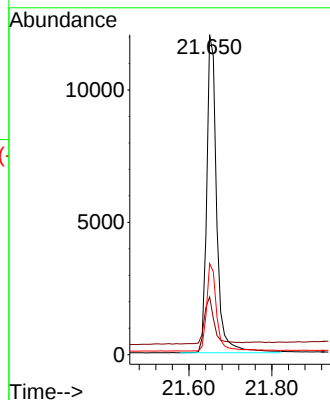
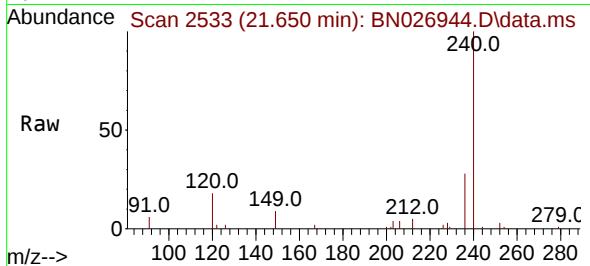




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.650 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN026944.D
Acq: 17 Aug 2023 16:13

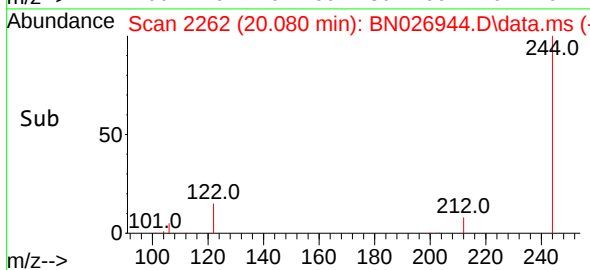
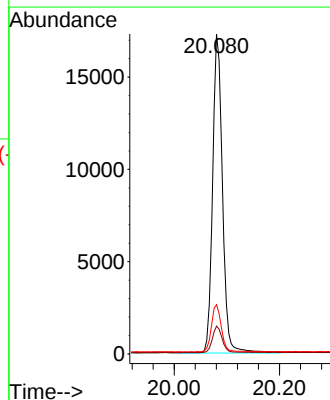
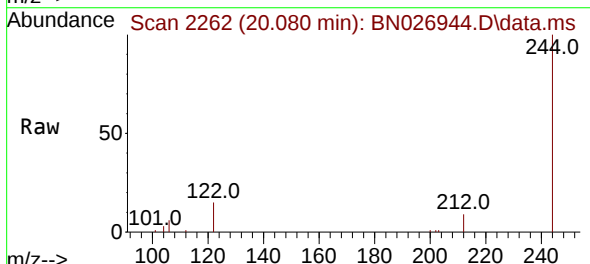
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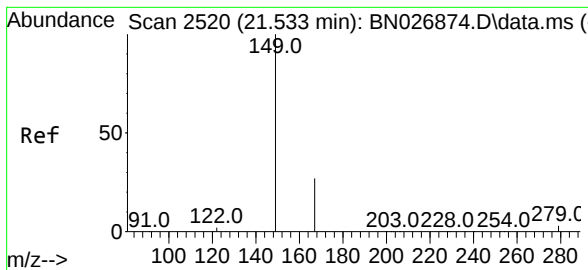
Tgt Ion:240 Resp: 20133
Ion Ratio Lower Upper
240 100
120 18.0 11.1 16.7#
236 28.4 22.2 33.2



#31
Terphenyl-d14
Concen: 0.533 ng
RT: 20.080 min Scan# 2262
Delta R.T. -0.005 min
Lab File: BN026944.D
Acq: 17 Aug 2023 16:13

Tgt Ion:244 Resp: 22427
Ion Ratio Lower Upper
244 100
212 8.7 6.9 10.3
122 15.4 11.9 17.9

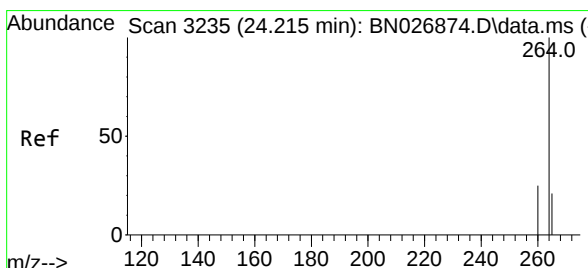
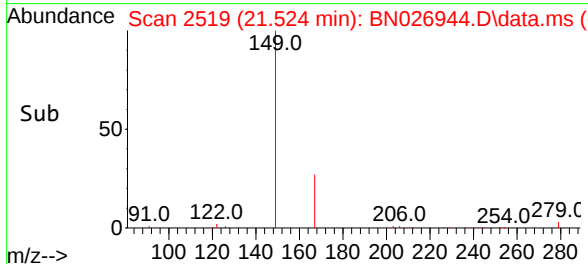
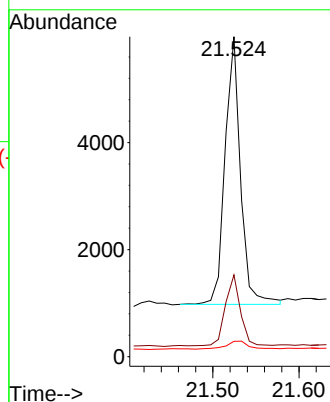
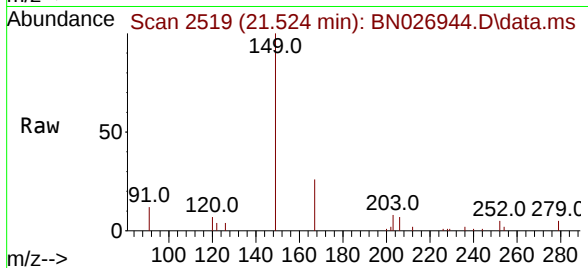




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.119 ng
 RT: 21.524 min Scan# 21519
 Delta R.T. 0.000 min
 Lab File: BN026944.D
 Acq: 17 Aug 2023 16:13

Instrument :
 BNA_N
 ClientSampleId :
 RE114D2-20230815

Tgt Ion:149 Resp: 6227
 Ion Ratio Lower Upper
 149 100
 167 25.7 21.4 32.0
 279 4.5 3.6 5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.203 min Scan# 3231
 Delta R.T. 0.000 min
 Lab File: BN026944.D
 Acq: 17 Aug 2023 16:13

Tgt Ion:264 Resp: 19257
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.4 30.6
 265 61.0 27.0 40.6#

