

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
 Data File : BN035715.D
 Acq On : 19 Dec 2024 21:47
 Operator : RC/JU
 Sample : P5261-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20241209

Quant Time: Dec 19 23:11:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 19 23:06:19 2024
 Response via : Initial Calibration

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

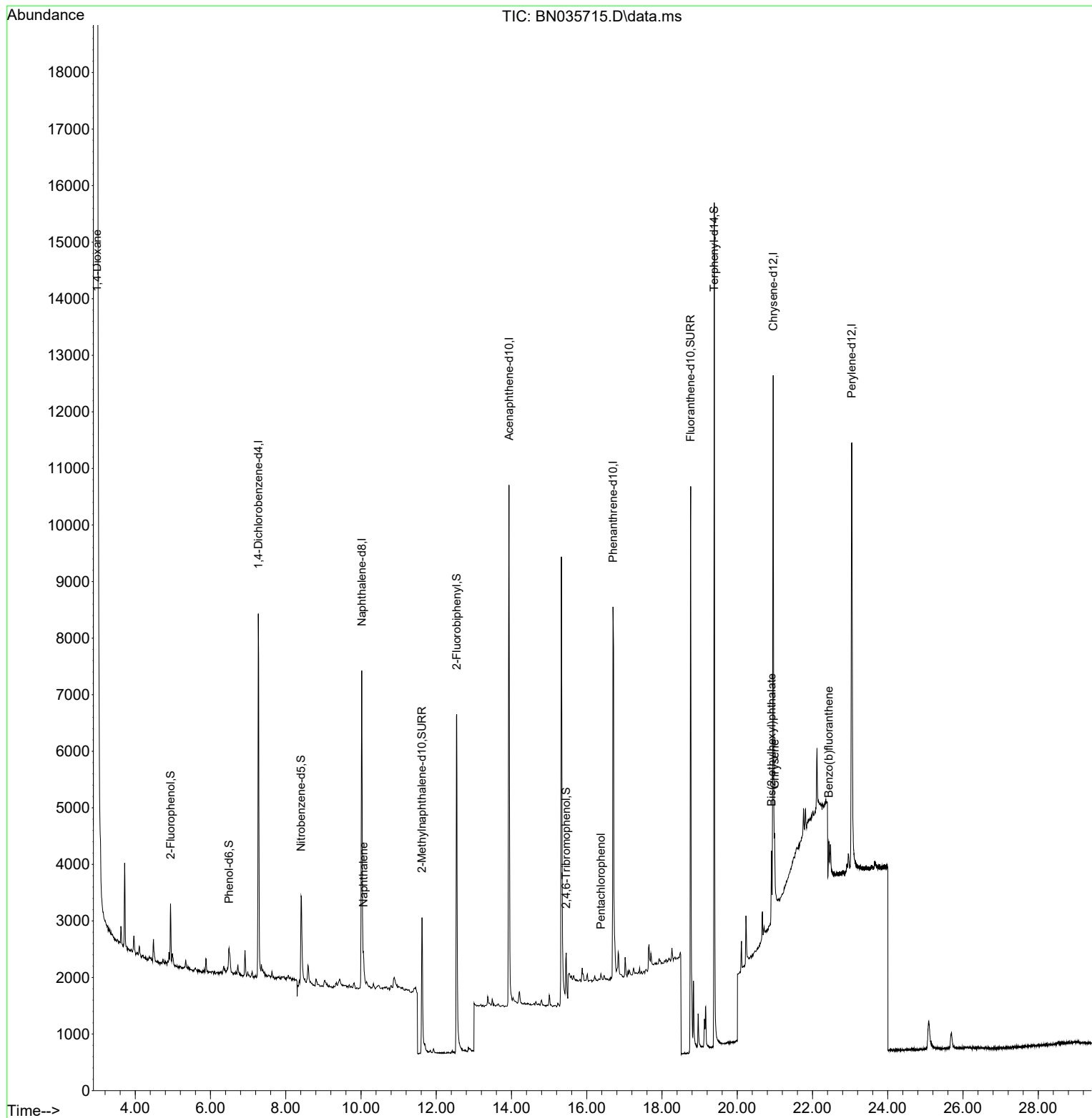
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.271	152	3267	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	8893	0.400	ng	# 0.00
13) Acenaphthene-d10	13.935	164	5822	0.400	ng	0.00
19) Phenanthrene-d10	16.698	188	11137	0.400	ng	# 0.00
29) Chrysene-d12	20.956	240	10331	0.400	ng	0.00
35) Perylene-d12	23.044	264	10865	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.939	112	913	0.112	ng	0.00
5) Phenol-d6	6.491	99	523	0.053	ng	0.00
8) Nitrobenzene-d5	8.408	82	3174	0.584	ng	0.00
11) 2-Methylnaphthalene-d10	11.621	152	4418	0.317	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	873	0.211	ng	0.00
15) 2-Fluorobiphenyl	12.543	172	6793	0.309	ng	0.00
27) Fluoranthene-d10	18.761	212	12573	0.398	ng	0.00
31) Terphenyl-d14	19.388	244	15944	0.782	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.981	88	11432	3.660	ng	97
9) Naphthalene	10.062	128	510	0.022	ng	# 61
24) Pentachlorophenol	16.375	266	94	0.028	ng	# 85
33) Chrysene	20.991	228	911	0.024	ng	# 84
34) Bis(2-ethylhexyl)phtha...	20.911	149	1245	0.087	ng	# 94
37) Benzo(b)fluoranthene	22.436	252	908	0.023	ng	# 1

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

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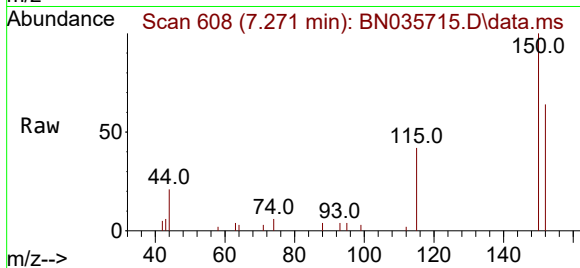
Quant Time: Dec 19 23:11:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration



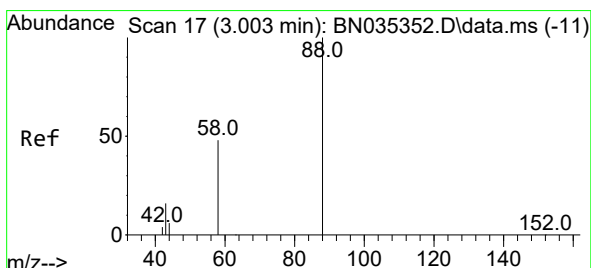
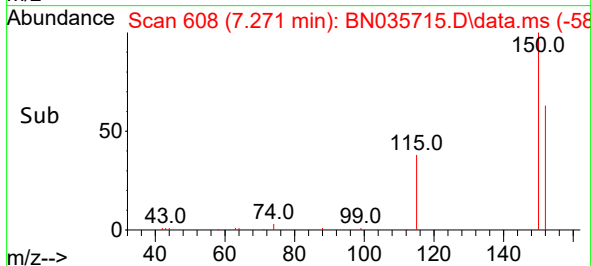
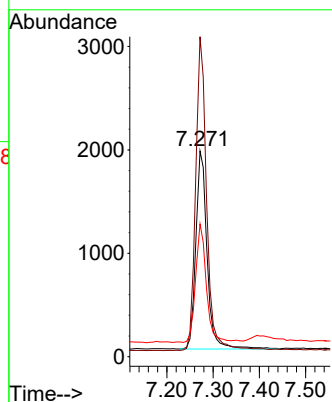


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.271 min Scan# 60
 Delta R.T. -0.001 min
 Lab File: BN035715.D
 Acq: 19 Dec 2024 21:47

Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20241209

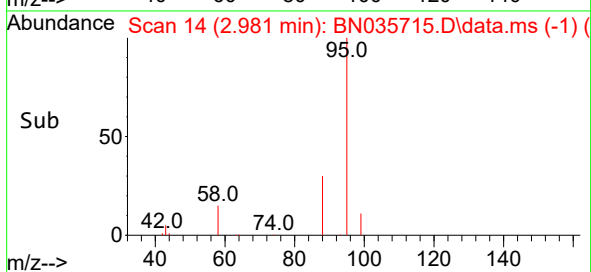
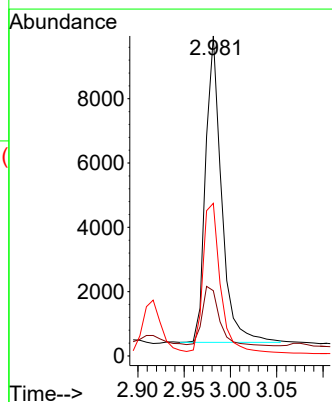
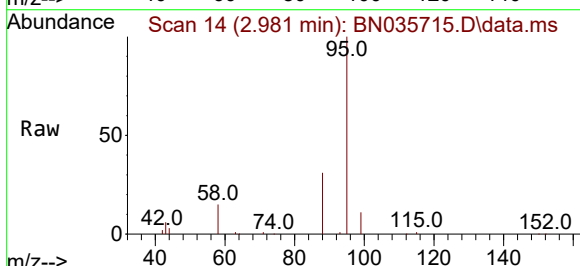


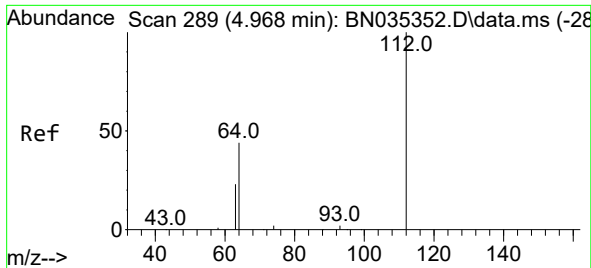
Tgt Ion:152 Resp: 3267
 Ion Ratio Lower Upper
 152 100
 150 155.6 124.0 186.0
 115 64.6 49.6 74.4



#2
 1,4-Dioxane
 Concen: 3.660 ng
 RT: 2.981 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: BN035715.D
 Acq: 19 Dec 2024 21:47

Tgt Ion: 88 Resp: 11432
 Ion Ratio Lower Upper
 88 100
 43 21.0 17.2 25.8
 58 53.0 44.5 66.7

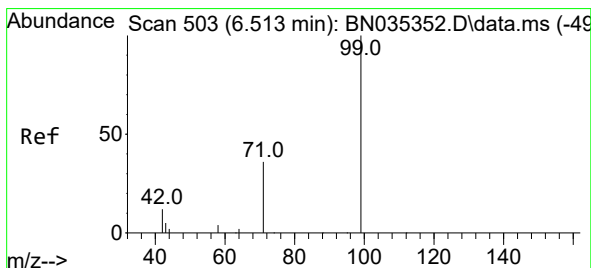
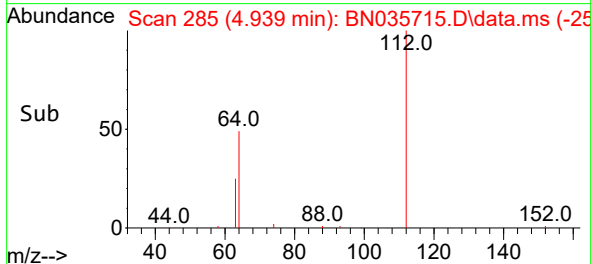
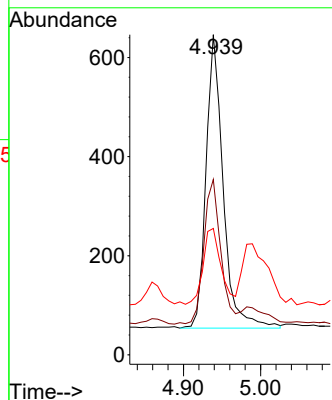
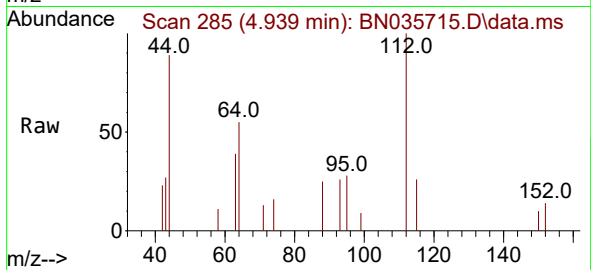




#4
2-Fluorophenol
Concen: 0.112 ng
RT: 4.939 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN035715.D
Acq: 19 Dec 2024 21:47

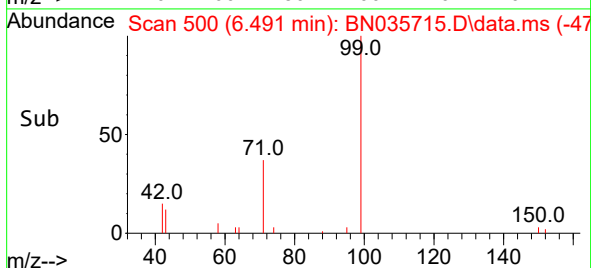
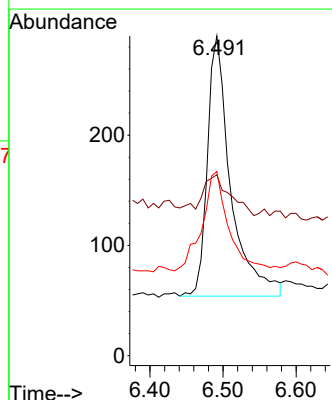
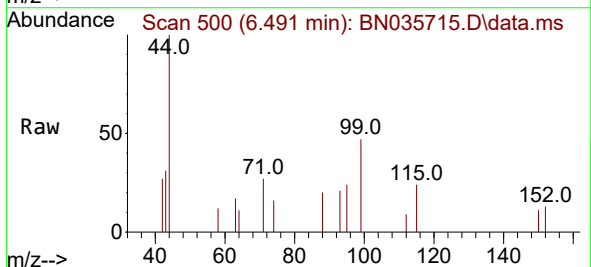
Instrument :
BNA_N
ClientSampleId :
RE122D2-20241209

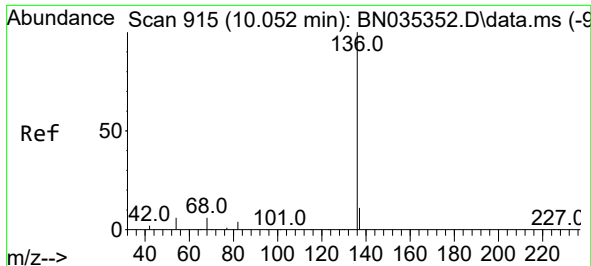
Tgt Ion:112 Resp: 913
Ion Ratio Lower Upper
112 100
64 48.6 39.8 59.8
63 27.8 21.0 31.6



#5
Phenol-d6
Concen: 0.053 ng
RT: 6.491 min Scan# 500
Delta R.T. -0.000 min
Lab File: BN035715.D
Acq: 19 Dec 2024 21:47

Tgt Ion: 99 Resp: 523
Ion Ratio Lower Upper
99 100
42 17.4 11.4 17.2#
71 46.1 29.3 43.9#

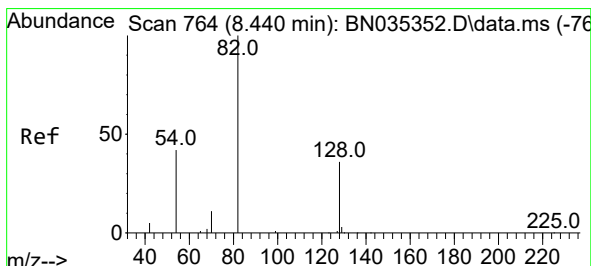
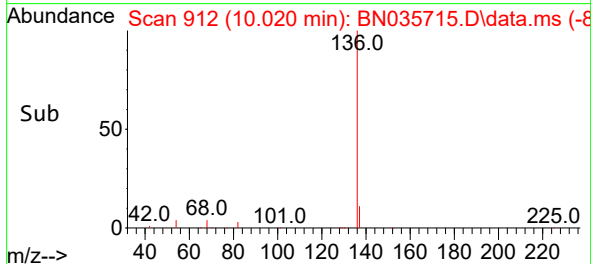
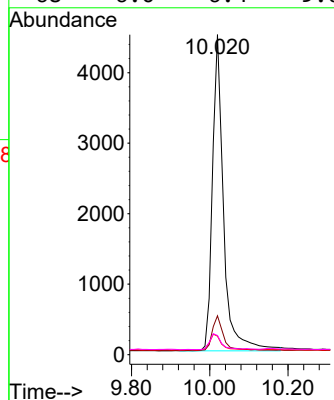
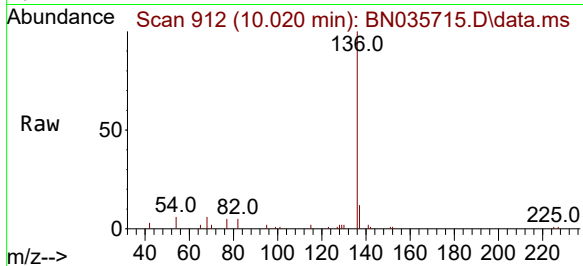




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.020 min Scan# 915
Delta R.T. -0.000 min
Lab File: BN035715.D
Acq: 19 Dec 2024 21:47

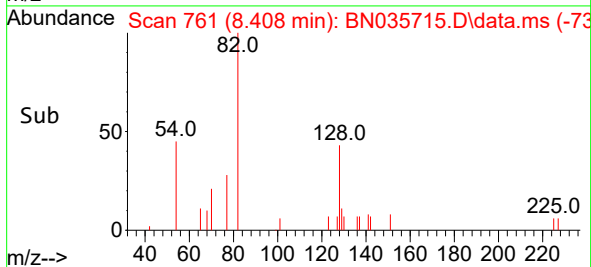
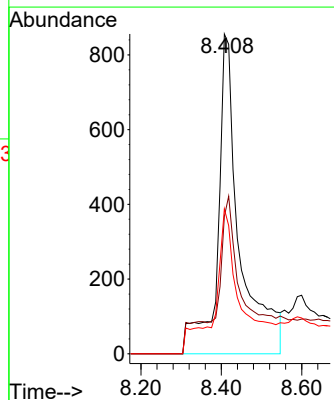
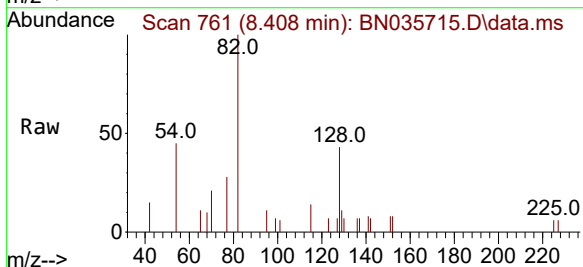
Instrument :
BNA_N
ClientSampleId :
RE122D2-20241209

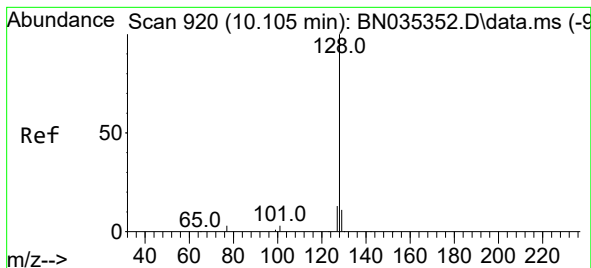
Tgt Ion:	136	Resp:	8893
Ion Ratio	Lower	Upper	
136	100		
137	12.2	10.2	15.2
54	5.8	6.1	9.1#
68	6.0	6.4	9.6#



#8
Nitrobenzene-d5
Concen: 0.584 ng
RT: 8.408 min Scan# 761
Delta R.T. -0.000 min
Lab File: BN035715.D
Acq: 19 Dec 2024 21:47

Tgt Ion:	82	Resp:	3174
Ion Ratio	Lower	Upper	
82	100		
128	43.0	33.4	50.0
54	45.3	36.7	55.1





#9

Naphthalene

Concen: 0.022 ng

RT: 10.062 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN035715.D

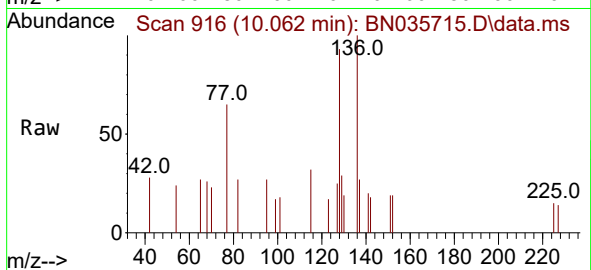
Acq: 19 Dec 2024 21:47

Instrument :

BNA_N

ClientSampleId :

RE122D2-20241209



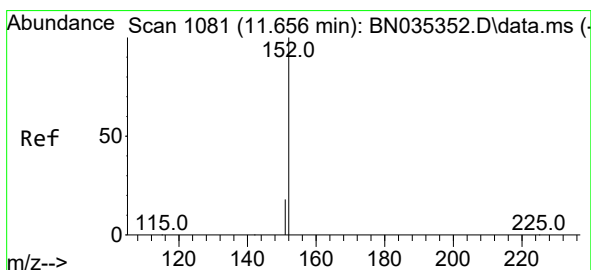
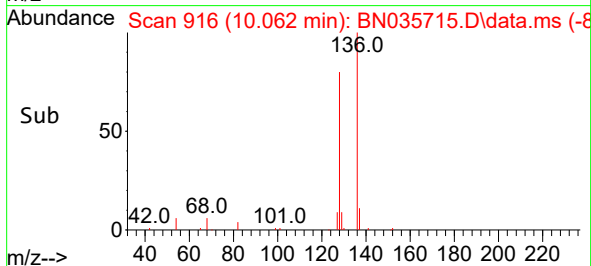
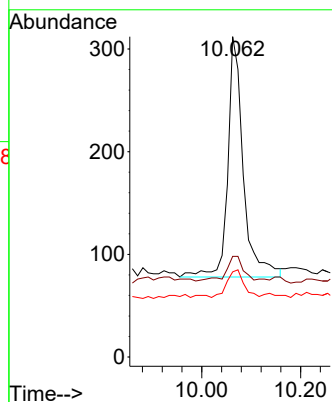
Tgt Ion:128 Resp: 510

Ion Ratio Lower Upper

128 100

129 31.4 9.8 14.6#

127 26.6 11.4 17.2#



#11

2-Methylnaphthalene-d10

Concen: 0.317 ng

RT: 11.621 min Scan# 1074

Delta R.T. -0.000 min

Lab File: BN035715.D

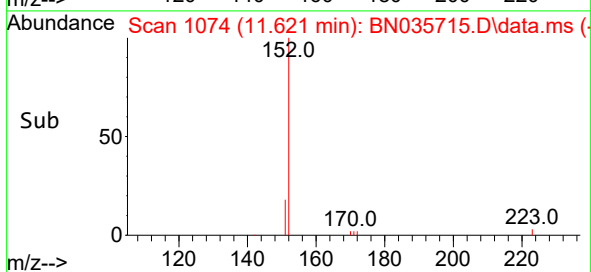
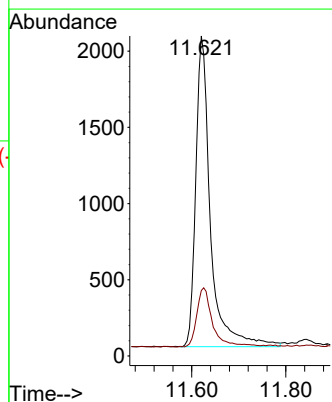
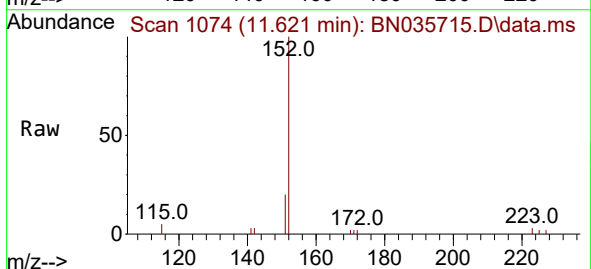
Acq: 19 Dec 2024 21:47

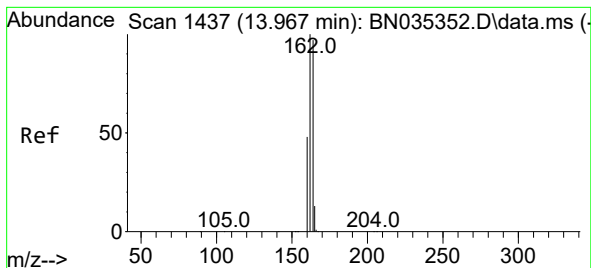
Tgt Ion:152 Resp: 4418

Ion Ratio Lower Upper

152 100

151 20.8 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 13.935 min Scan# 1434

Delta R.T. -0.000 min

Lab File: BN035715.D

Acq: 19 Dec 2024 21:47

Instrument :

BNA_N

ClientSampleId :

RE122D2-20241209

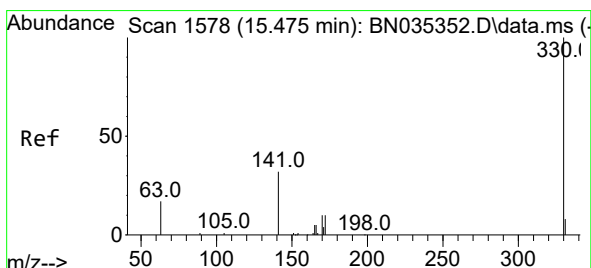
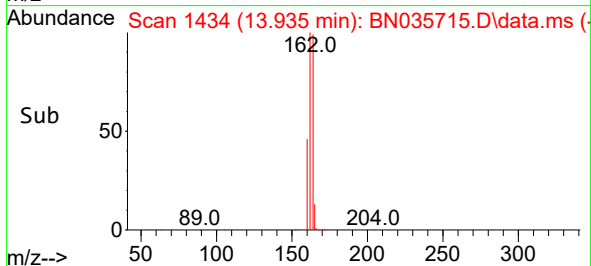
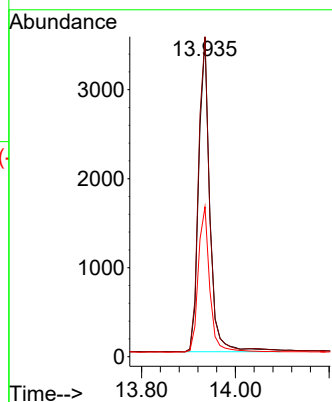
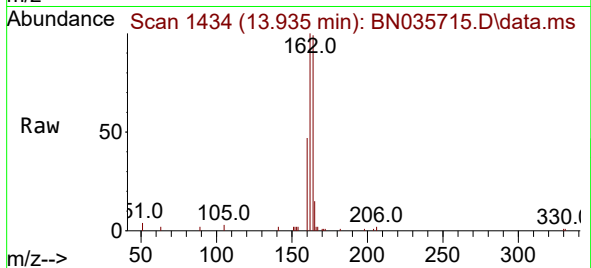
Tgt Ion:164 Resp: 5822

Ion Ratio Lower Upper

164 100

162 100.7 82.2 123.2

160 47.1 40.1 60.1



#14

2,4,6-Tribromophenol

Concen: 0.211 ng

RT: 15.453 min Scan# 1576

Delta R.T. -0.000 min

Lab File: BN035715.D

Acq: 19 Dec 2024 21:47

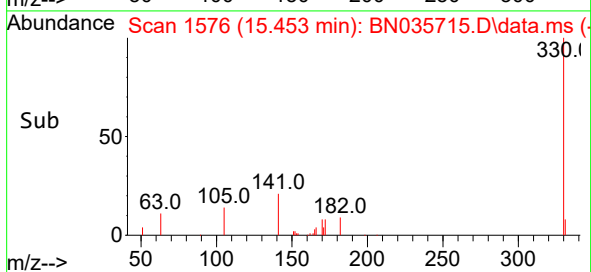
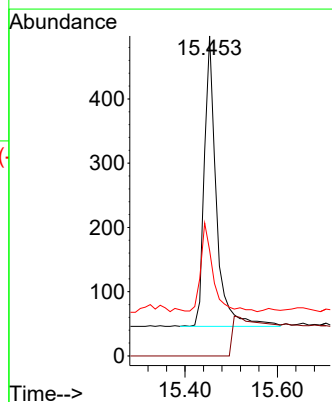
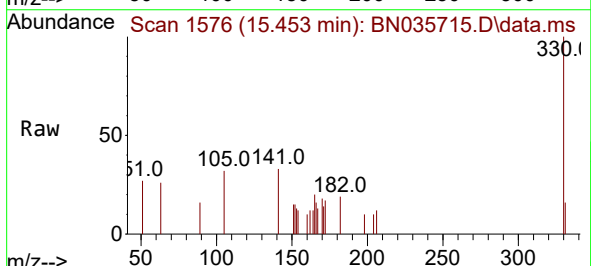
Tgt Ion:330 Resp: 873

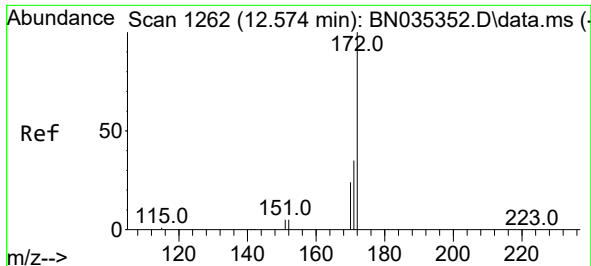
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 30.1 26.6 40.0

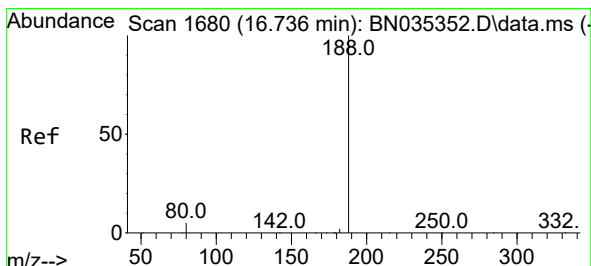
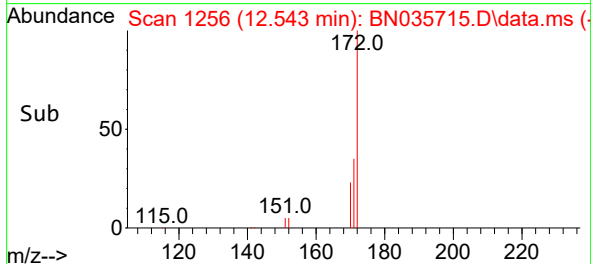
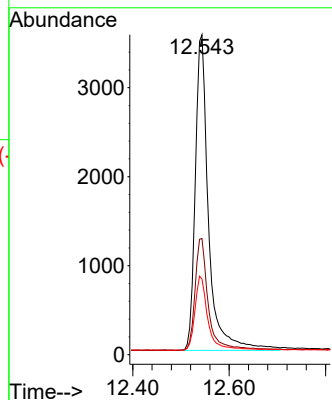
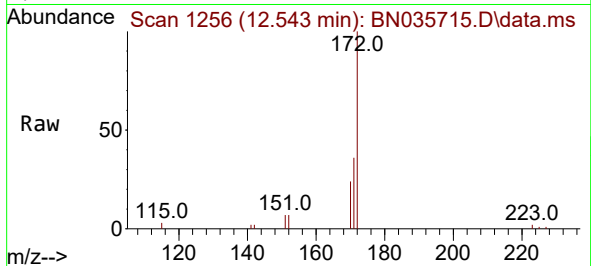




#15
2-Fluorobiphenyl
Concen: 0.309 ng
RT: 12.543 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN035715.D
Acq: 19 Dec 2024 21:47

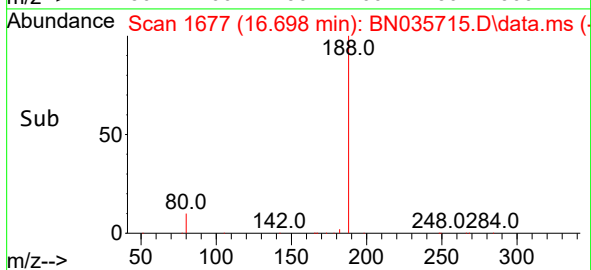
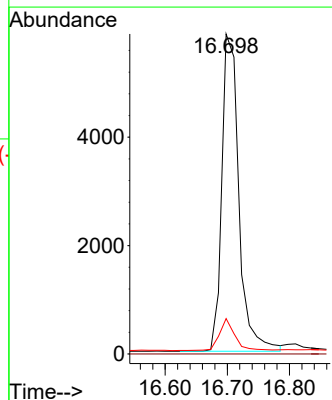
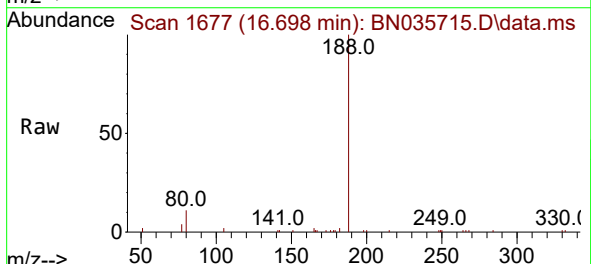
Instrument :
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RE122D2-20241209

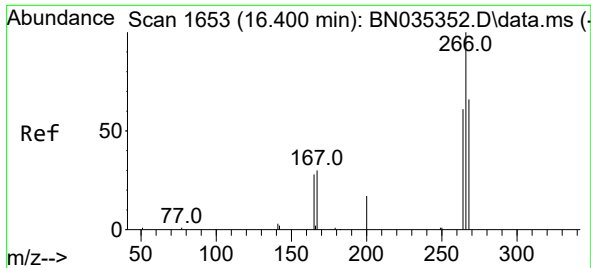
Tgt Ion:172 Resp: 6793
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.4
170 23.7 19.8 29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BN035715.D
Acq: 19 Dec 2024 21:47

Tgt Ion:188 Resp: 11137
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.1 4.6 6.8#

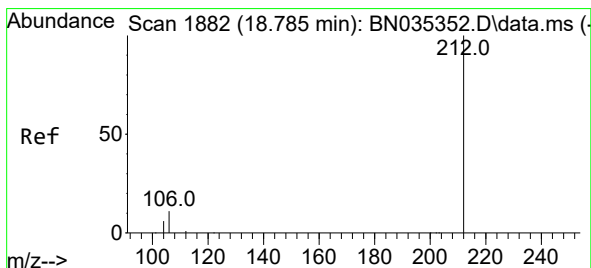
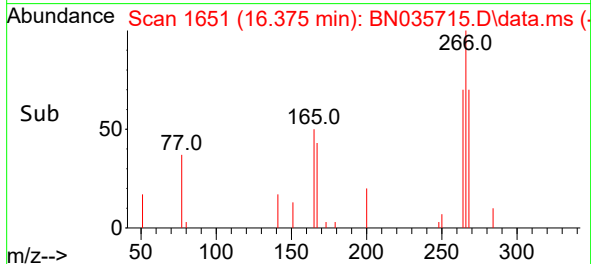
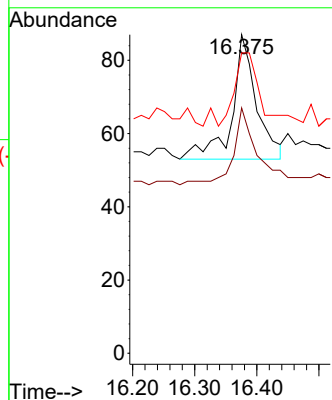
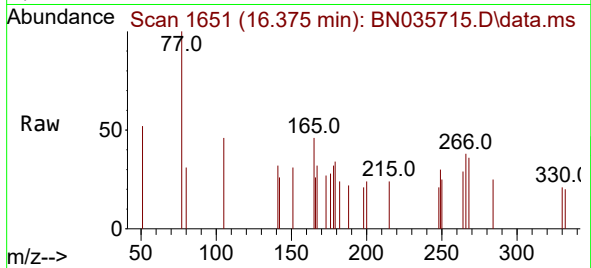




#24
Pentachlorophenol
Concen: 0.028 ng
RT: 16.375 min Scan# 1651
Delta R.T. -0.000 min
Lab File: BN035715.D
Acq: 19 Dec 2024 21:47

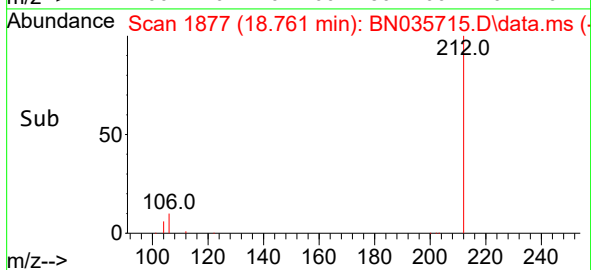
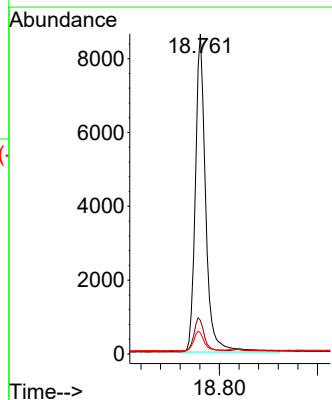
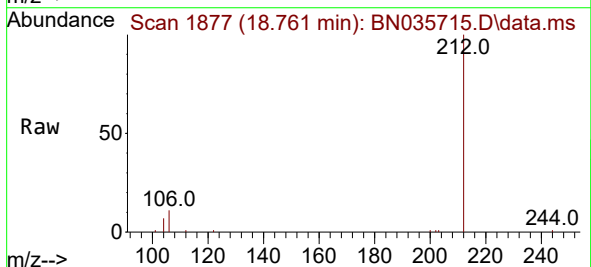
Instrument :
BNA_N
ClientSampleId :
RE122D2-20241209

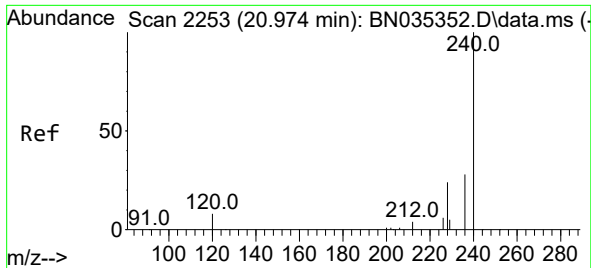
Tgt Ion:266 Resp: 94
Ion Ratio Lower Upper
266 100
264 61.7 42.3 63.5
268 67.0 43.3 64.9#



#27
Fluoranthene-d10
Concen: 0.398 ng
RT: 18.761 min Scan# 1877
Delta R.T. -0.000 min
Lab File: BN035715.D
Acq: 19 Dec 2024 21:47

Tgt Ion:212 Resp: 12573
Ion Ratio Lower Upper
212 100
106 10.6 9.2 13.8
104 6.3 5.3 7.9

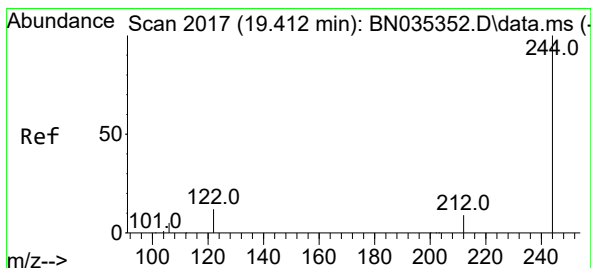
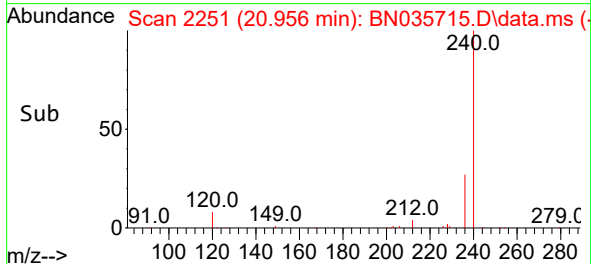
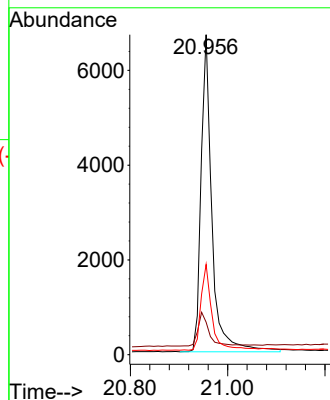
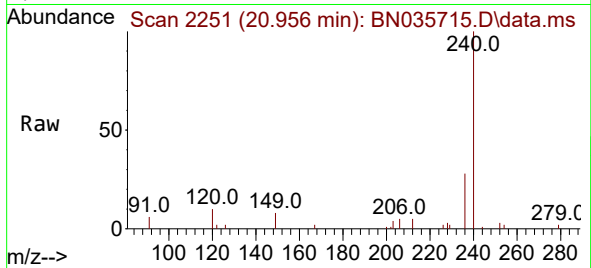




#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.956 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN035715.D
Acq: 19 Dec 2024 21:47

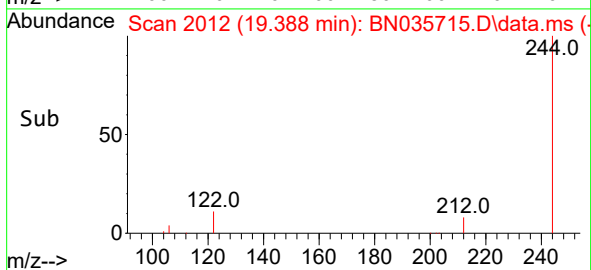
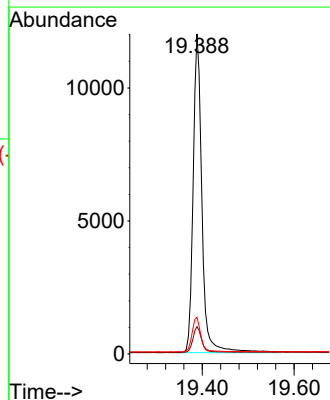
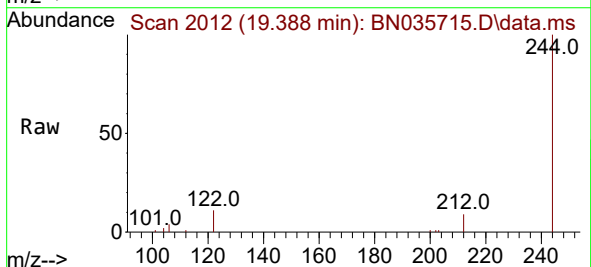
Instrument :
BNA_N
ClientSampleId :
RE122D2-20241209

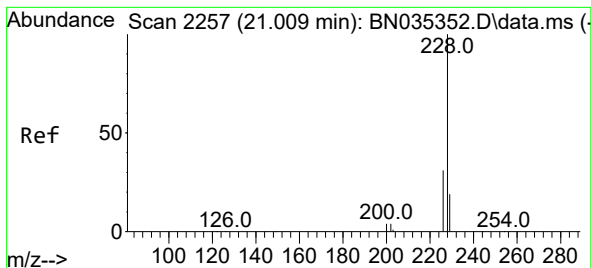
Tgt Ion:240 Resp: 10331
Ion Ratio Lower Upper
240 100
120 10.1 7.9 11.9
236 28.2 22.9 34.3



#31
Terphenyl-d14
Concen: 0.782 ng
RT: 19.388 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BN035715.D
Acq: 19 Dec 2024 21:47

Tgt Ion:244 Resp: 15944
Ion Ratio Lower Upper
244 100
212 8.6 8.1 12.1
122 11.5 10.3 15.5





#33

Chrysene

Concen: 0.024 ng

RT: 20.991 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN035715.D

Acq: 19 Dec 2024 21:47

Instrument :

BNA_N

ClientSampleId :

RE122D2-20241209

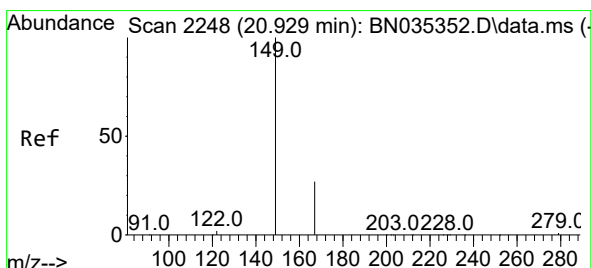
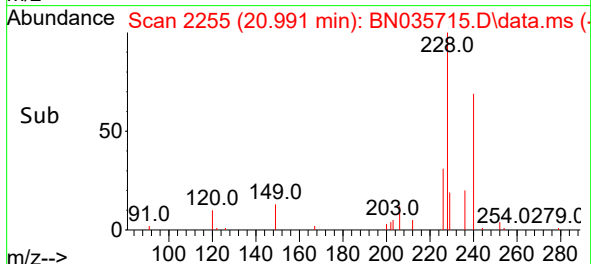
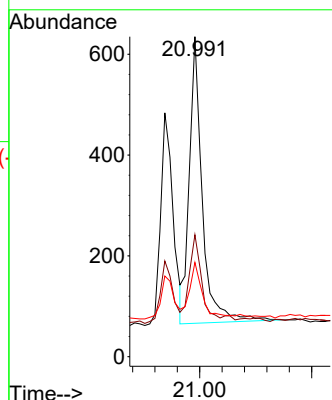
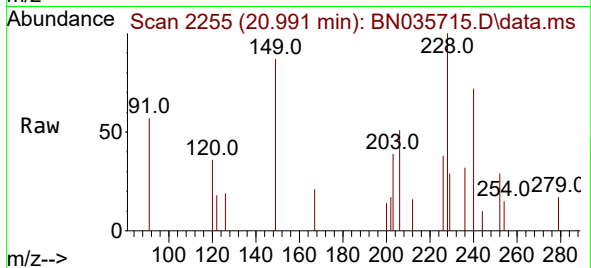
Tgt Ion:228 Resp: 911

Ion Ratio Lower Upper

228 100

226 38.1 24.6 37.0#

229 29.4 15.9 23.9#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.087 ng

RT: 20.911 min Scan# 2246

Delta R.T. -0.000 min

Lab File: BN035715.D

Acq: 19 Dec 2024 21:47

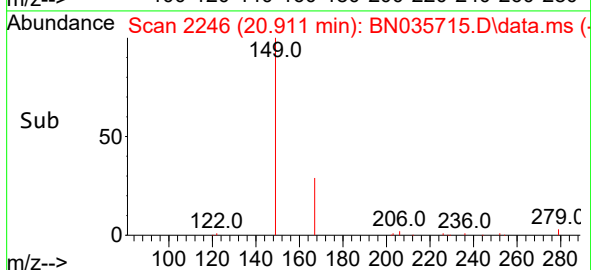
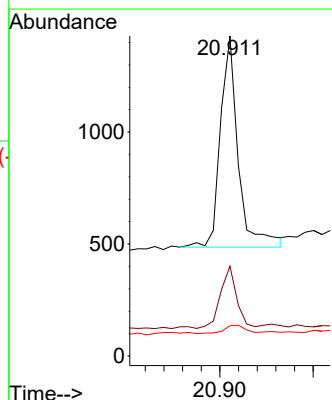
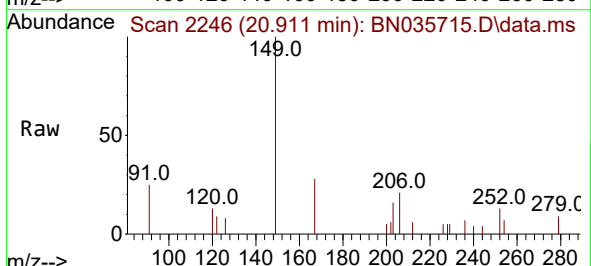
Tgt Ion:149 Resp: 1245

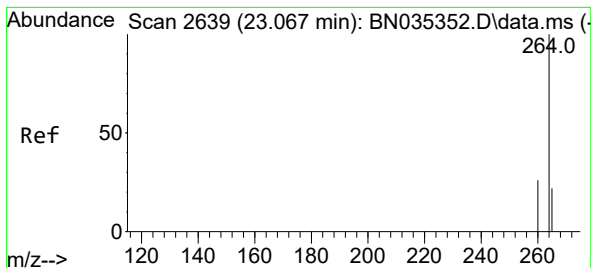
Ion Ratio Lower Upper

149 100

167 24.8 22.2 33.4

279 5.0 2.7 4.1#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.044 min Scan# 2

Delta R.T. 0.003 min

Lab File: BN035715.D

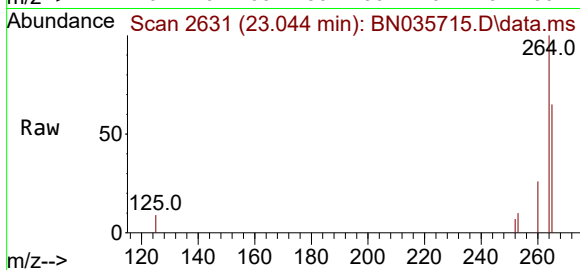
Acq: 19 Dec 2024 21:47

Instrument :

BNA_N

ClientSampleId :

RE122D2-20241209



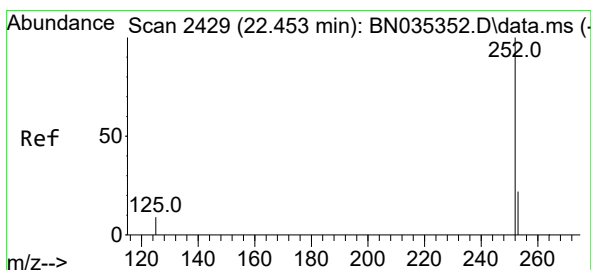
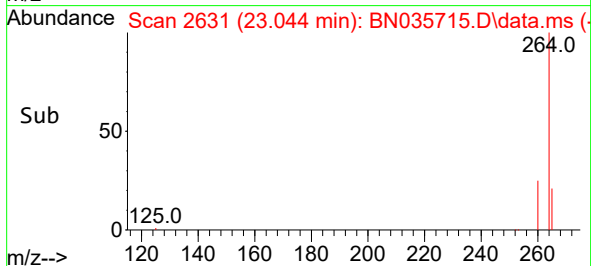
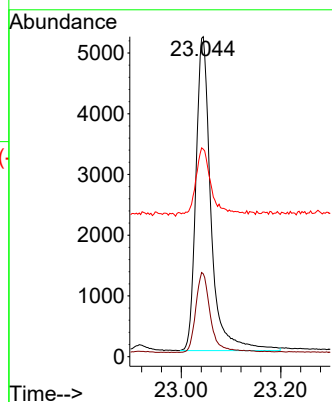
Tgt Ion:264 Resp: 10865

Ion Ratio Lower Upper

264 100

260 25.9 21.4 32.2

265 64.9 40.2 60.4#



#37

Benzo(b)fluoranthene

Concen: 0.023 ng

RT: 22.436 min Scan# 2423

Delta R.T. 0.006 min

Lab File: BN035715.D

Acq: 19 Dec 2024 21:47

Tgt Ion:252 Resp: 908

Ion Ratio Lower Upper

252 100

253 70.9 19.6 29.4#

125 60.4 9.6 14.4#

