

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
 Data File : BP009493.D
 Acq On : 22 Mar 2022 18:04
 Operator : CG/JU
 Sample : N2027-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NB-08-031822

Quant Time: Mar 23 01:22:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 17 18:26:53 2022
 Response via : Initial Calibration

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

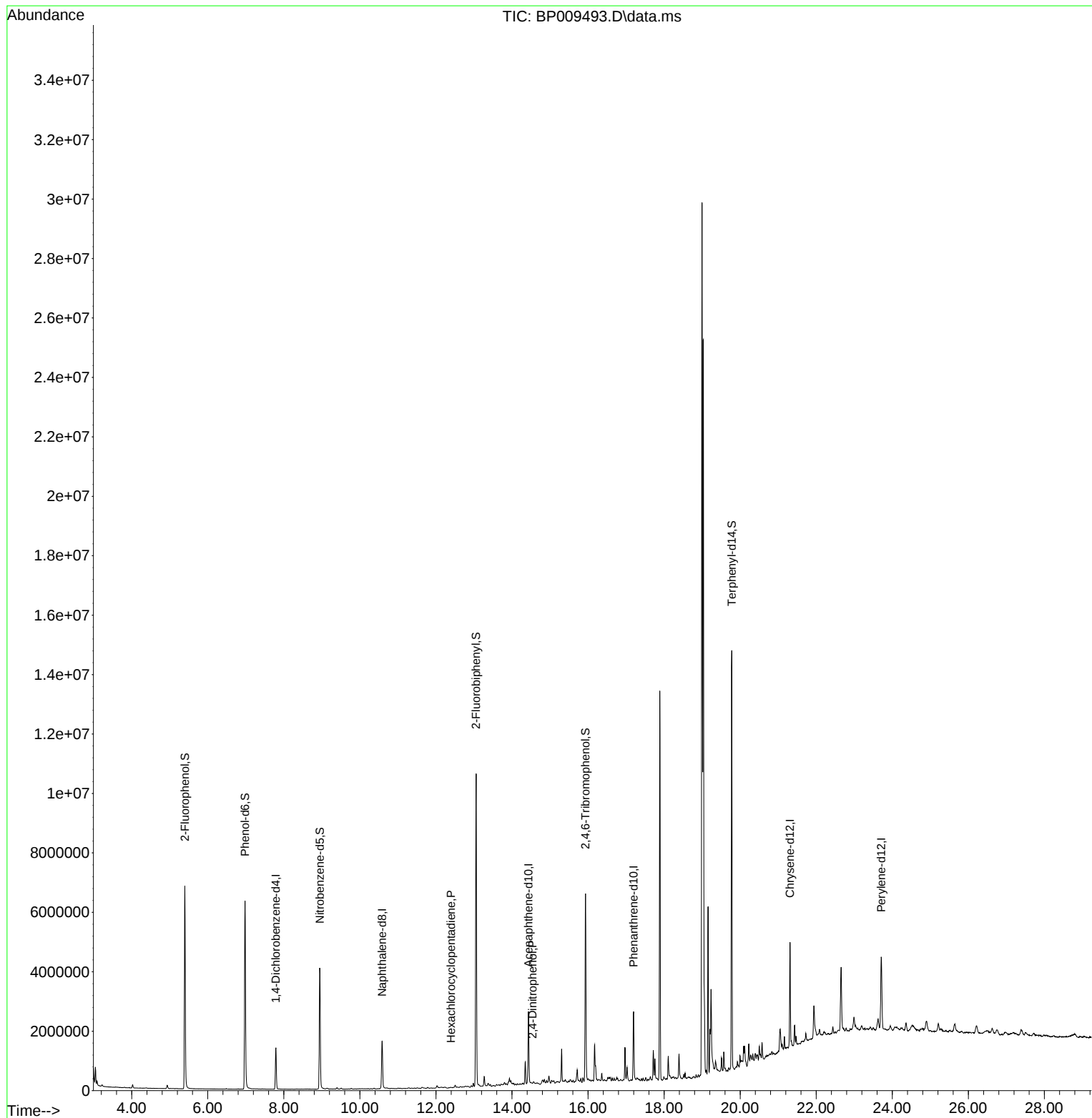
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	431286	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	1613139	20.000	ng	0.00
39) Acenaphthene-d10	14.434	164	884964	20.000	ng	-0.01
64) Phenanthrene-d10	17.198	188	1576146	20.000	ng	0.00
76) Chrysene-d12	21.310	240	1747771	20.000	ng	0.00
86) Perylene-d12	23.710	264	1979880	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	3487310	141.173	ng	0.00
7) Phenol-d6	6.981	99	4340399	129.927	ng	-0.01
23) Nitrobenzene-d5	8.946	82	2735009	90.097	ng	-0.01
42) 2,4,6-Tribromophenol	15.934	330	1419131	97.178	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	5883153	92.159	ng	0.00
79) Terphenyl-d14	19.780	244	7404542	76.042	ng	0.00
Target Compounds						
9) Benzaldehyde	6.928	77	450	Below Cal	#	35
41) Hexachlorocyclopentadiene	12.398	237	27	7.290	ng	90
54) 2,4-Dinitrophenol	14.539	184	65	4.540	ng	# 1

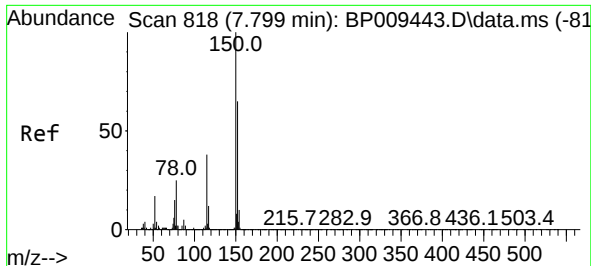
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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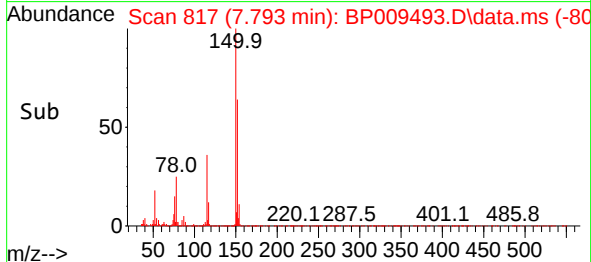
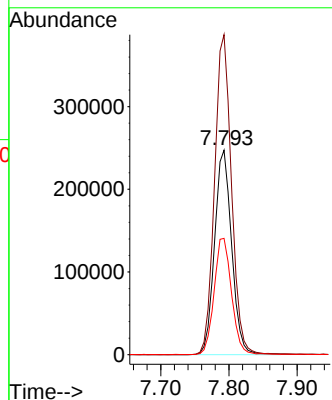
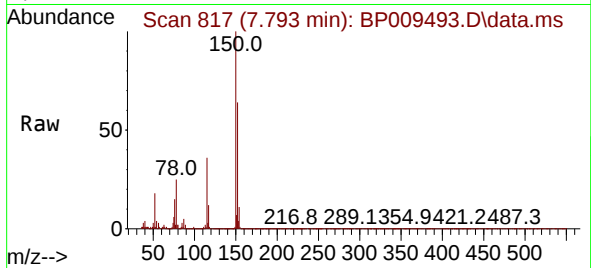




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009493.D
Acq: 22 Mar 2022 18:04

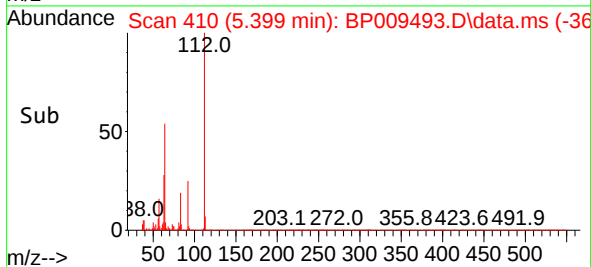
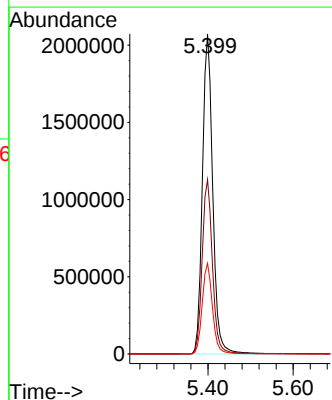
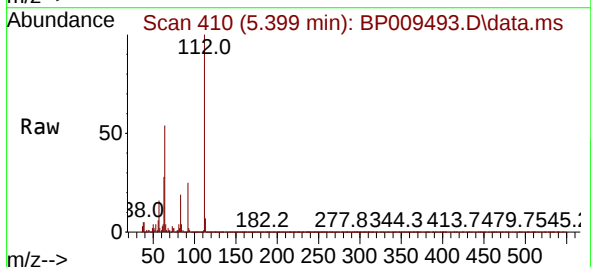
Instrument :
BNA_P
ClientSampleId :
NB-08-031822

Tgt Ion:152 Resp: 431286
Ion Ratio Lower Upper
152 100
150 156.5 124.5 186.7
115 56.9 48.2 72.4



#5
2-Fluorophenol
Concen: 141.173 ng
RT: 5.399 min Scan# 410
Delta R.T. -0.006 min
Lab File: BP009493.D
Acq: 22 Mar 2022 18:04

Tgt Ion:112 Resp: 3487310
Ion Ratio Lower Upper
112 100
64 54.4 45.0 67.4
63 28.3 23.0 34.6

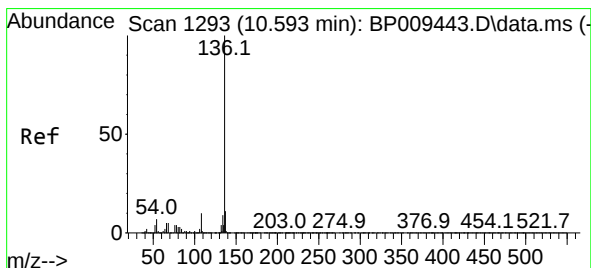
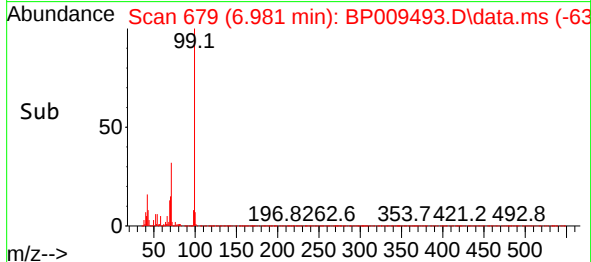
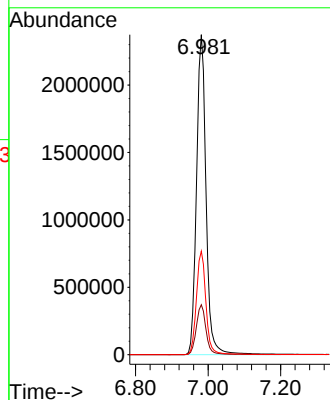
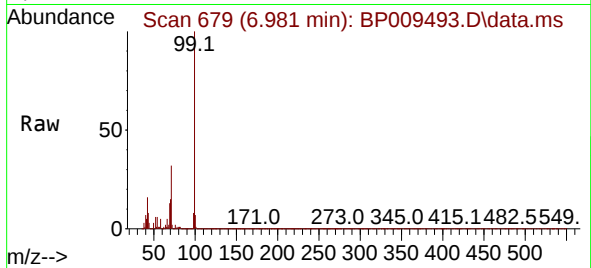




#7
Phenol-d6
Concen: 129.927 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP009493.D
Acq: 22 Mar 2022 18:04

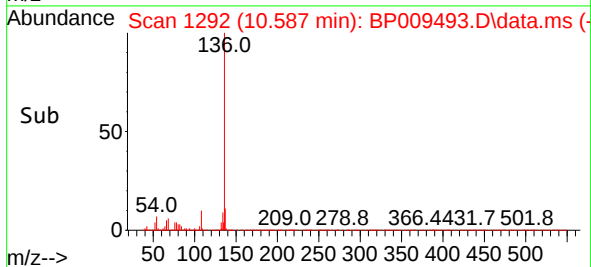
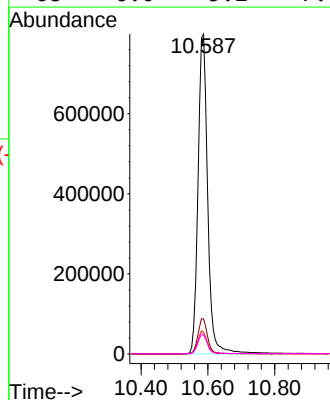
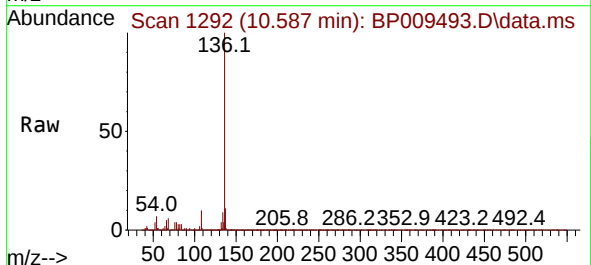
Instrument :
BNA_P
ClientSampleId :
NB-08-031822

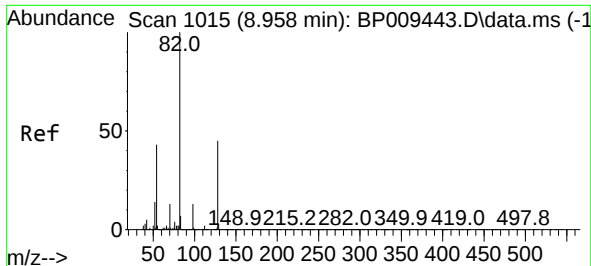
Tgt Ion: 99 Resp: 4340399
Ion Ratio Lower Upper
99 100
42 15.6 12.8 19.2
71 32.3 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BP009493.D
Acq: 22 Mar 2022 18:04

Tgt Ion: 136 Resp: 1613139
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 6.7 5.8 8.8
68 6.0 5.2 7.8

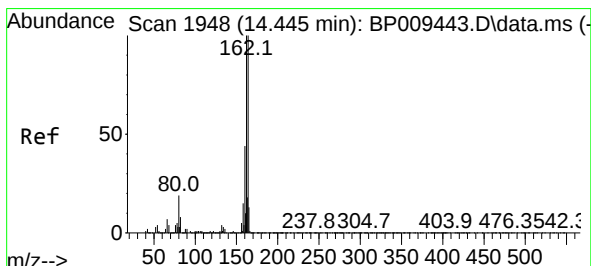
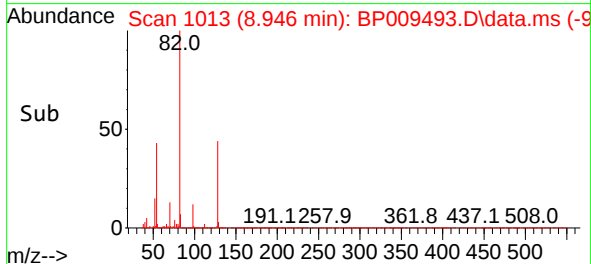
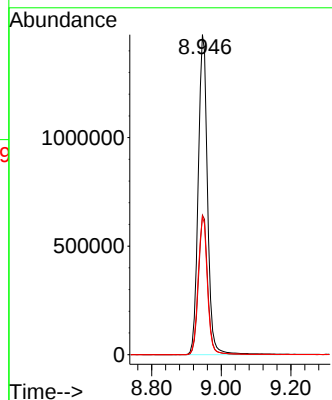
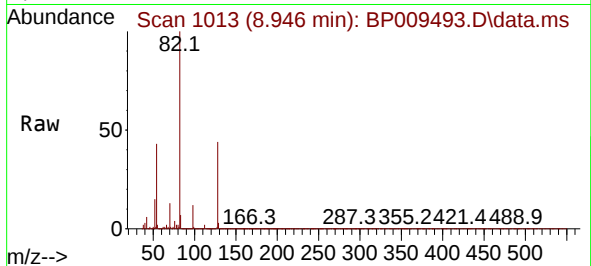




#23
Nitrobenzene-d5
Concen: 90.097 ng
RT: 8.946 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BP009493.D
Acq: 22 Mar 2022 18:04

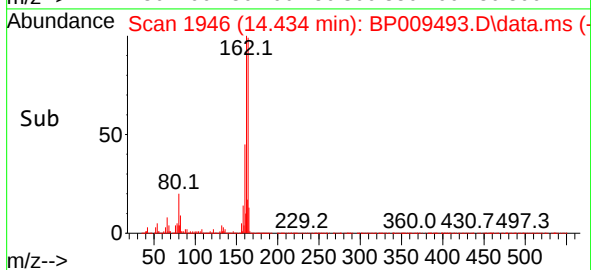
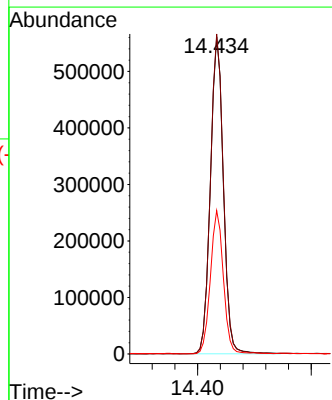
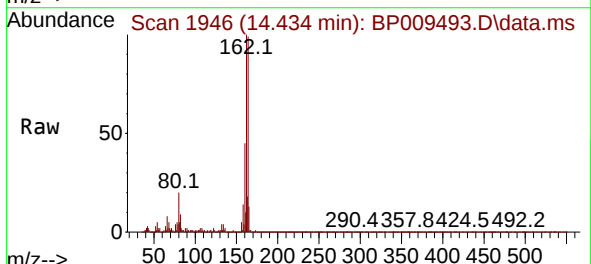
Instrument :
BNA_P
ClientSampleId :
NB-08-031822

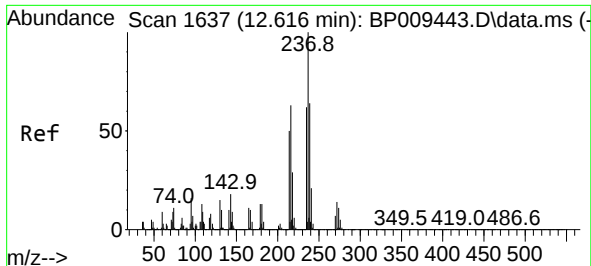
Tgt Ion: 82 Resp: 2735009
Ion Ratio Lower Upper
82 100
128 43.6 34.2 51.4
54 43.1 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.011 min
Lab File: BP009493.D
Acq: 22 Mar 2022 18:04

Tgt Ion:164 Resp: 884964
Ion Ratio Lower Upper
164 100
162 100.9 79.1 118.7
160 45.2 34.9 52.3

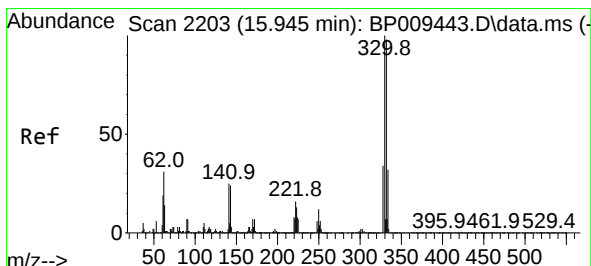
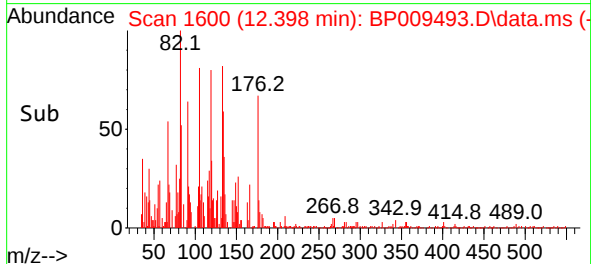
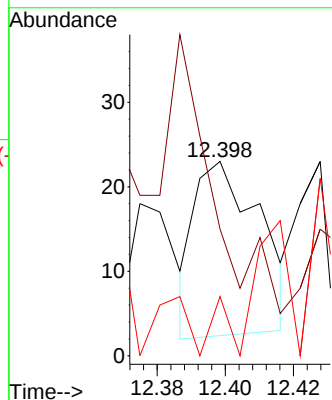
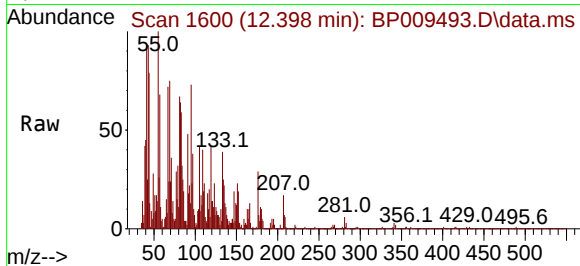




#41
Hexachlorocyclopentadiene
Concen: 7.290 ng
RT: 12.398 min Scan# 1
Delta R.T. -0.218 min
Lab File: BP009493.D
Acq: 22 Mar 2022 18:04

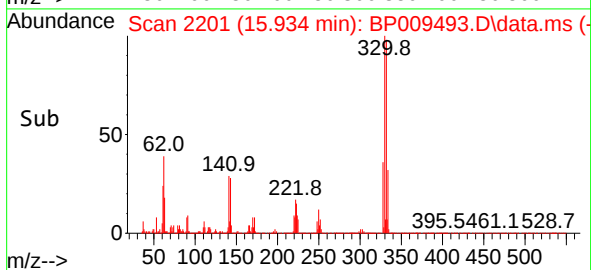
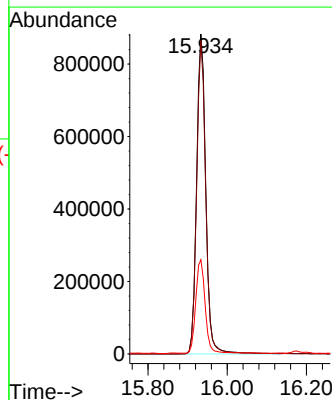
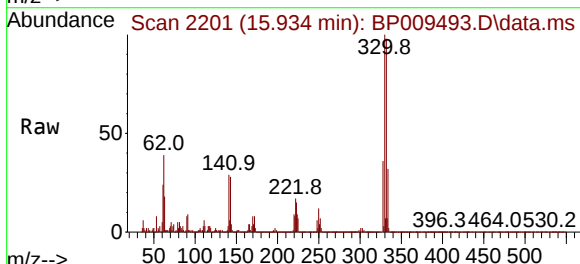
Instrument :
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ClientSampleId :
NB-08-031822

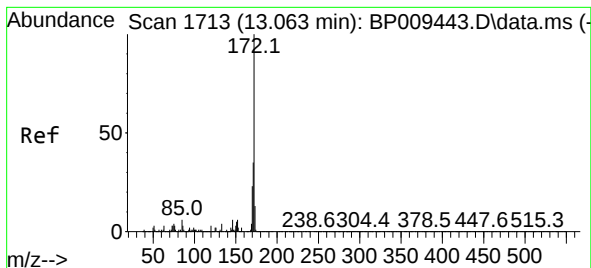
Tgt Ion:237	Resp:	27
Ion	Ratio	Lower Upper
237	100	
235	65.2	42.6 82.6
272	30.4	0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 97.178 ng
RT: 15.934 min Scan# 2201
Delta R.T. -0.012 min
Lab File: BP009493.D
Acq: 22 Mar 2022 18:04

Tgt Ion:330	Resp:	1419131
Ion	Ratio	Lower Upper
330	100	
332	96.3	77.0 115.6
141	29.9	27.6 41.4





#45

2-Fluorobiphenyl

Concen: 92.159 ng

RT: 13.057 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP009493.D

Acq: 22 Mar 2022 18:04

Instrument :

BNA_P

ClientSampleId :

NB-08-031822

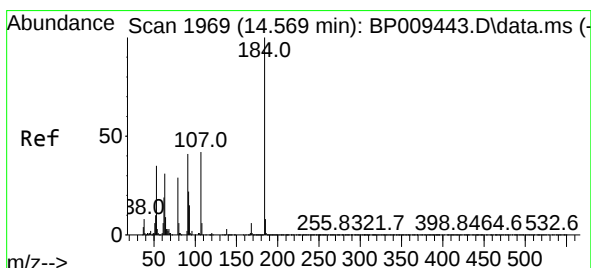
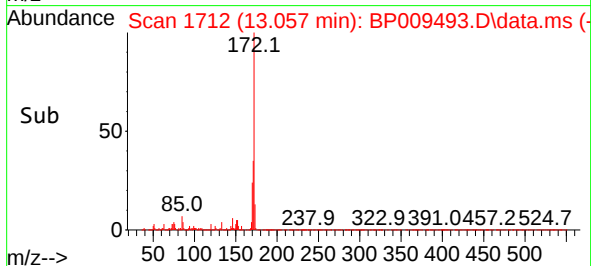
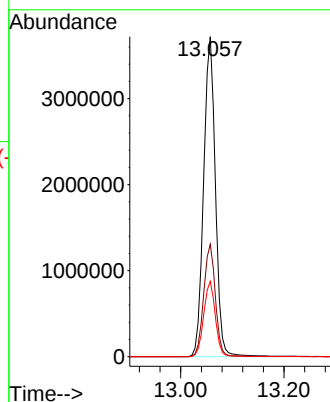
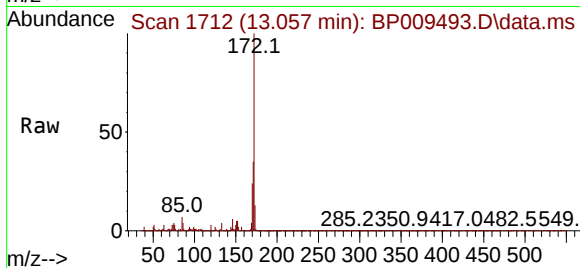
Tgt Ion:172 Resp: 5883153

Ion Ratio Lower Upper

172 100

171 35.2 28.0 42.0

170 23.6 18.6 27.8



#54

2,4-Dinitrophenol

Concen: 4.540 ng

RT: 14.539 min Scan# 1964

Delta R.T. -0.030 min

Lab File: BP009493.D

Acq: 22 Mar 2022 18:04

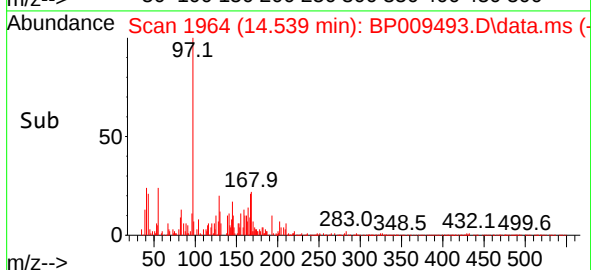
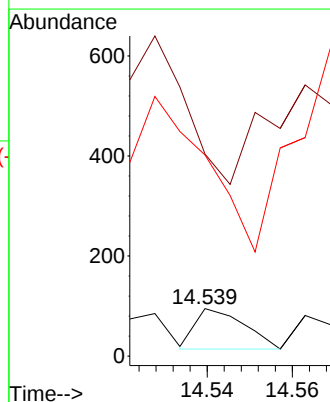
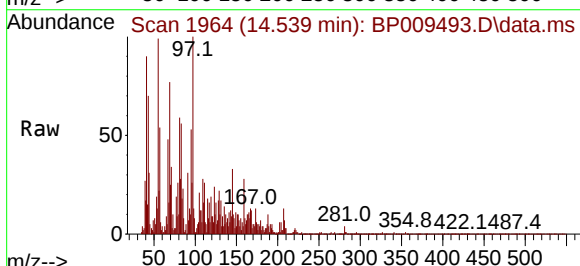
Tgt Ion:184 Resp: 65

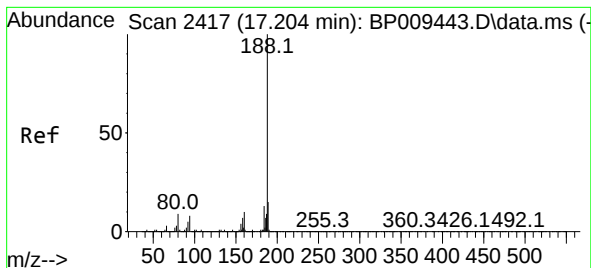
Ion Ratio Lower Upper

184 100

63 425.3 46.3 69.5#

154 423.2 45.8 68.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.198 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP009493.D

Acq: 22 Mar 2022 18:04

Instrument :

BNA_P

ClientSampleId :

NB-08-031822

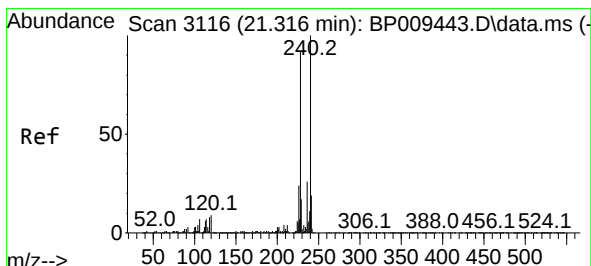
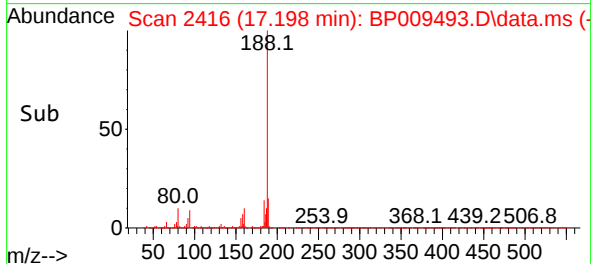
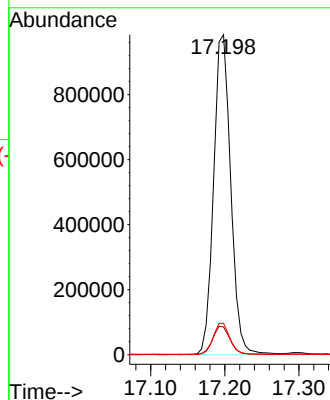
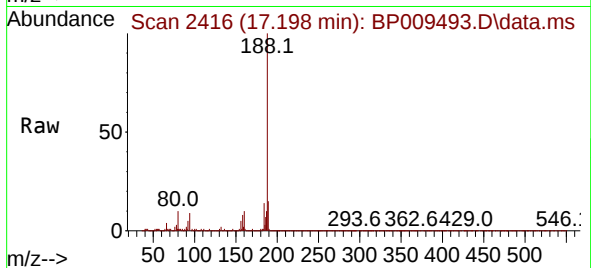
Tgt Ion:188 Resp: 1576146

Ion Ratio Lower Upper

188 100

94 8.6 7.9 11.9

80 9.8 8.8 13.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.310 min Scan# 3115

Delta R.T. -0.006 min

Lab File: BP009493.D

Acq: 22 Mar 2022 18:04

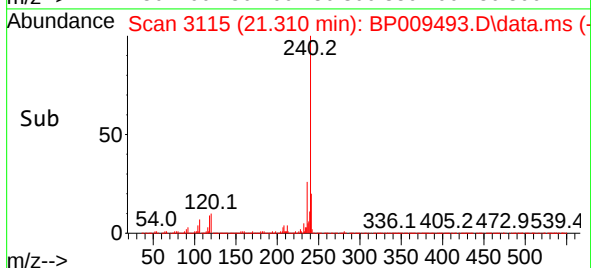
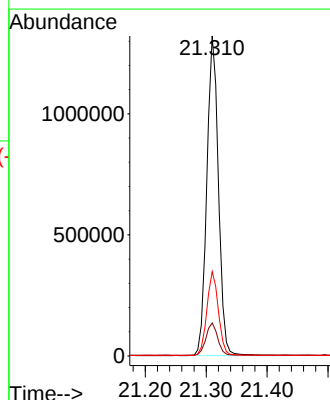
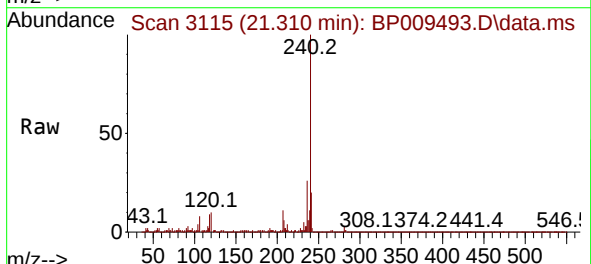
Tgt Ion:240 Resp: 1747771

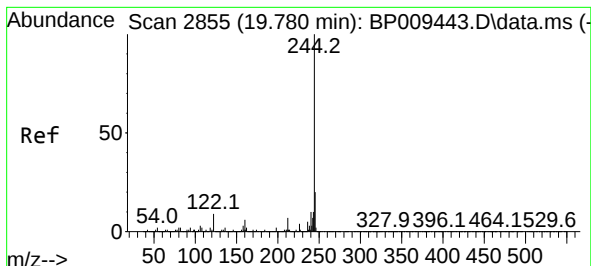
Ion Ratio Lower Upper

240 100

120 10.3 9.0 13.4

236 26.3 20.6 30.8





#79

Terphenyl-d14

Concen: 76.042 ng

RT: 19.780 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP009493.D

Acq: 22 Mar 2022 18:04

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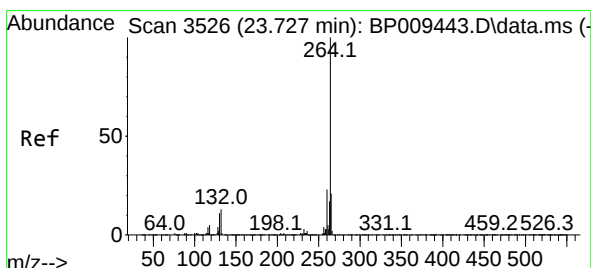
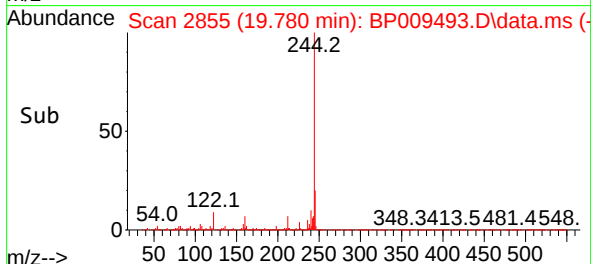
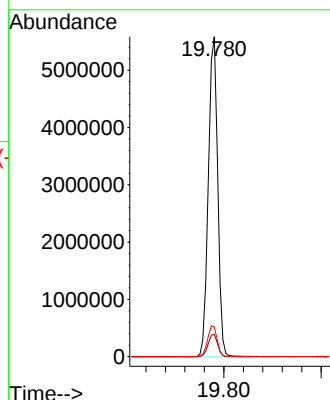
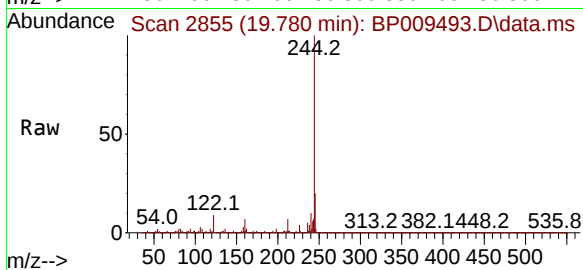
Tgt Ion:244 Resp: 7404542

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 9.4 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.710 min Scan# 3523

Delta R.T. -0.018 min

Lab File: BP009493.D

Acq: 22 Mar 2022 18:04

Tgt Ion:264 Resp: 1979880

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.0

265 22.2 17.2 25.8

