

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
 Data File : BP009482.D
 Acq On : 22 Mar 2022 11:09
 Operator : CG/JU
 Sample : PB143484BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB143421BL

Quant Time: Mar 23 01:20:18 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)

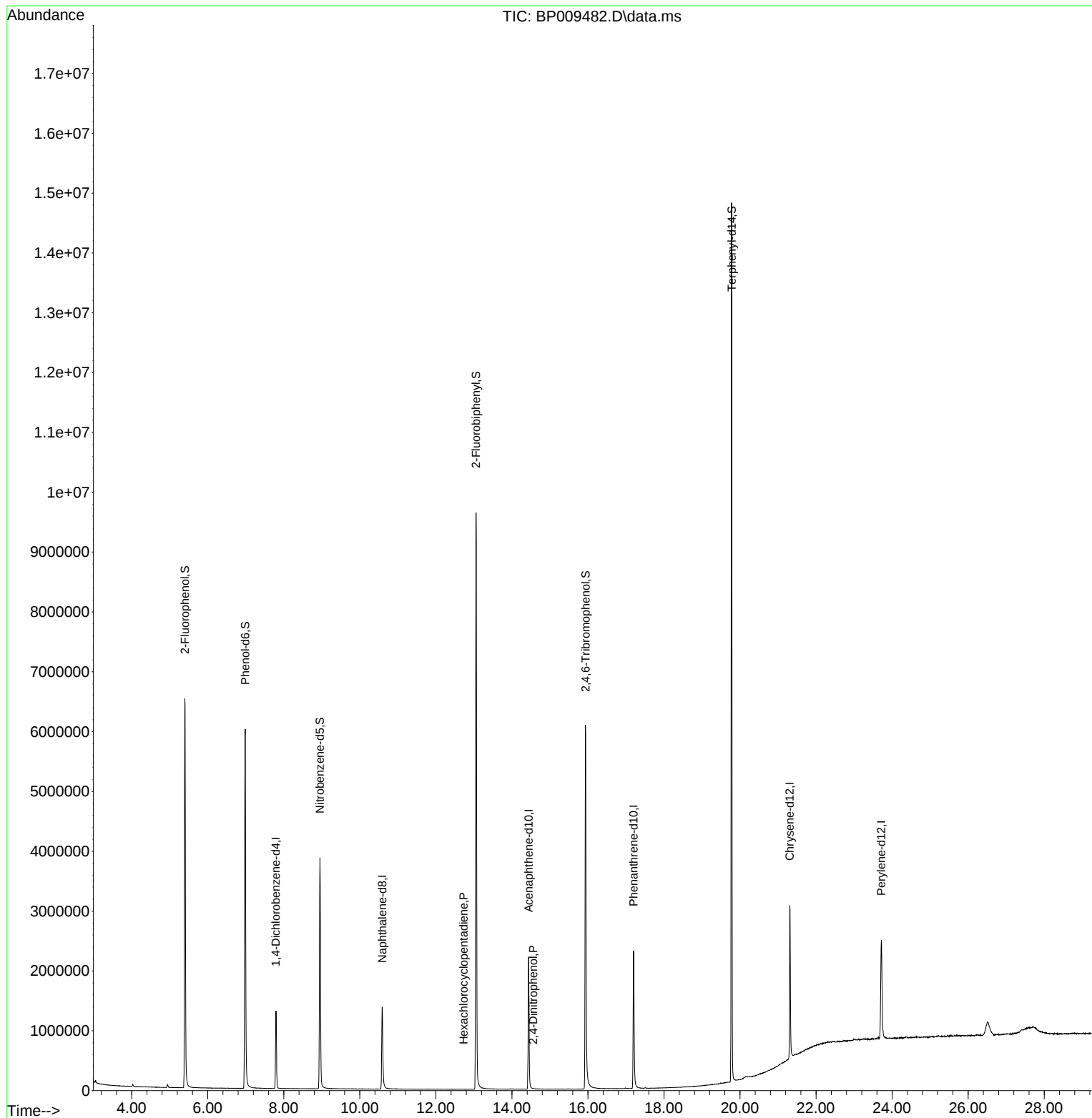
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	407781	20.000	ng	0.00
21) Naphthalene-d8	10.592	136	1535321	20.000	ng	0.00
39) Acenaphthene-d10	14.439	164	910455	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1790606	20.000	ng	0.00
76) Chrysene-d12	21.309	240	1558961	20.000	ng	0.00
86) Perylene-d12	23.715	264	1545333	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	3438430	147.218	ng	0.00
7) Phenol-d6	6.987	99	4191585	132.705	ng	0.00
23) Nitrobenzene-d5	8.951	82	2606558	90.218	ng	0.00
42) 2,4,6-Tribromophenol	15.939	330	1537959	102.366	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	5836729	88.872	ng	0.00
79) Terphenyl-d14	19.780	244	7845063	90.323	ng	0.00
Target Compounds						
9) Benzaldehyde	6.987	77	7791	Below Cal	#	8
41) Hexachlorocyclopentadiene	12.728	237	49	7.292	ng	86
54) 2,4-Dinitrophenol	14.563	184	16	4.534	ng	# 1

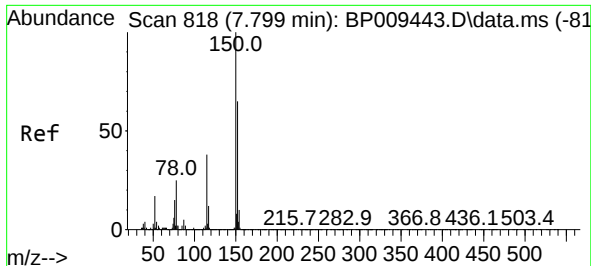
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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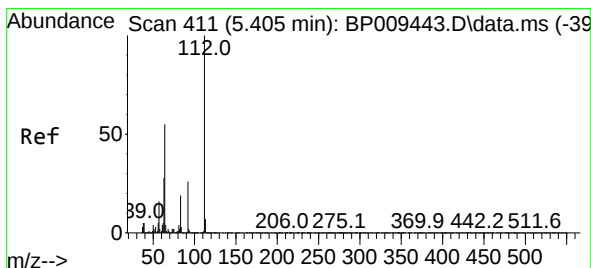
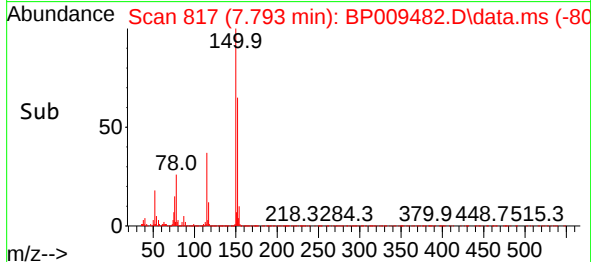
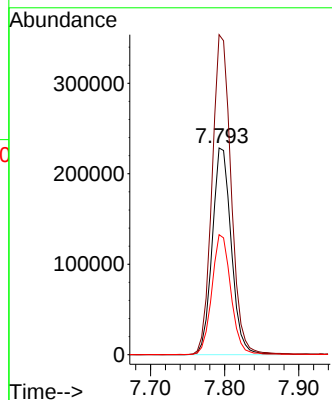
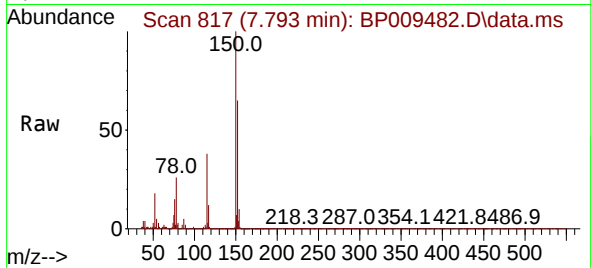




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009482.D
Acq: 22 Mar 2022 11:09

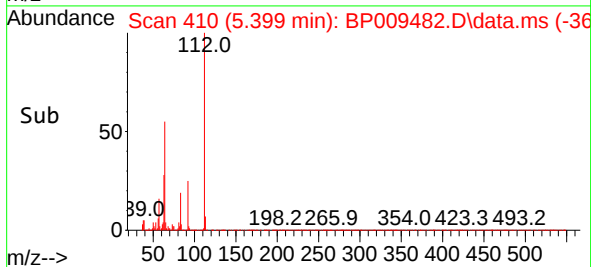
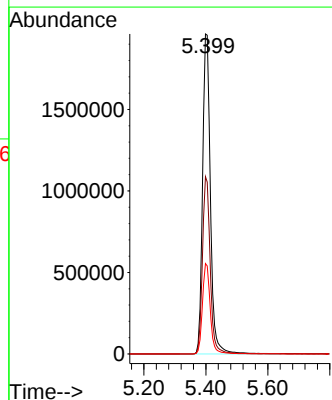
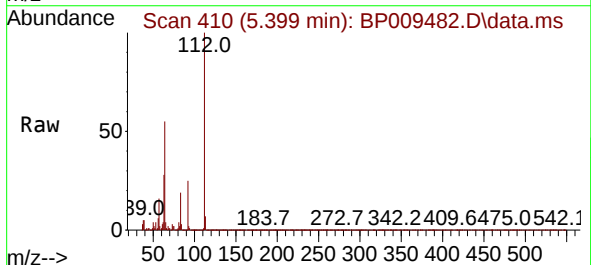
Instrument :
BNA_P
ClientSampleId :
PB143421BL

Tgt Ion:152 Resp: 407781
Ion Ratio Lower Upper
152 100
150 154.8 124.5 186.7
115 58.0 48.2 72.4



#5
2-Fluorophenol
Concen: 147.218 ng
RT: 5.399 min Scan# 410
Delta R.T. -0.006 min
Lab File: BP009482.D
Acq: 22 Mar 2022 11:09

Tgt Ion:112 Resp: 3438430
Ion Ratio Lower Upper
112 100
64 55.4 45.0 67.4
63 28.3 23.0 34.6



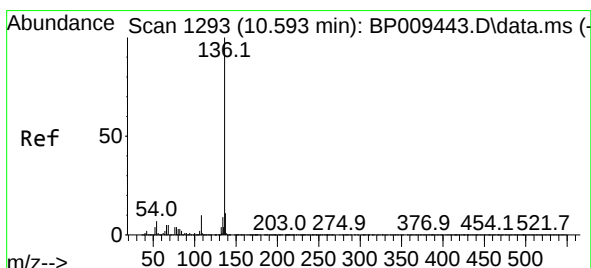
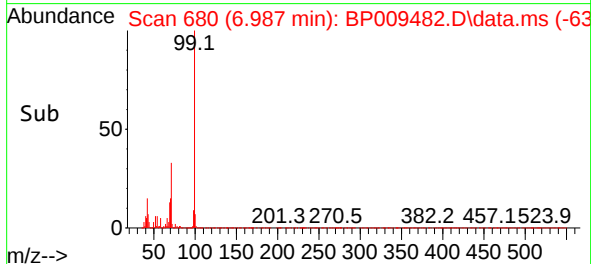
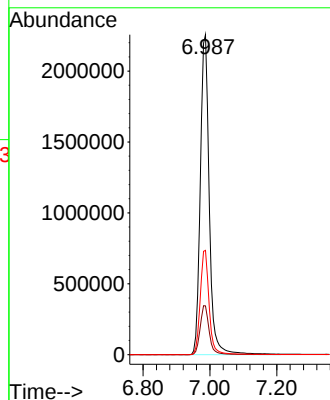
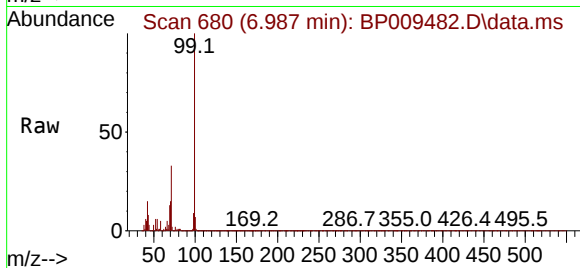


#7
Phenol-d6
Concen: 132.705 ng
RT: 6.987 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009482.D
Acq: 22 Mar 2022 11:09

Instrument :
BNA_P
ClientSampleId :
PB143421BL

Tgt Ion: 99 Resp: 4191585

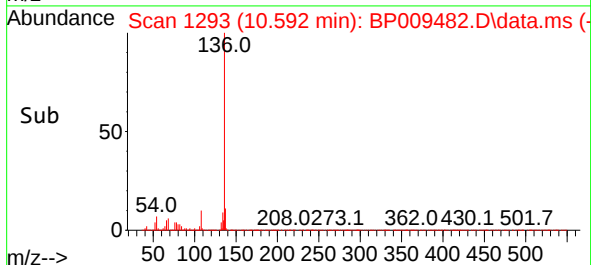
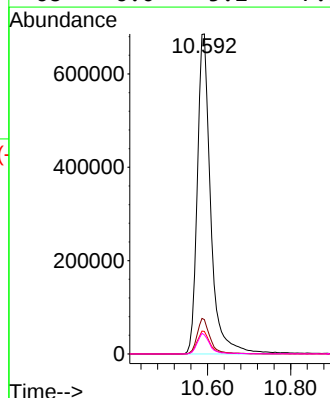
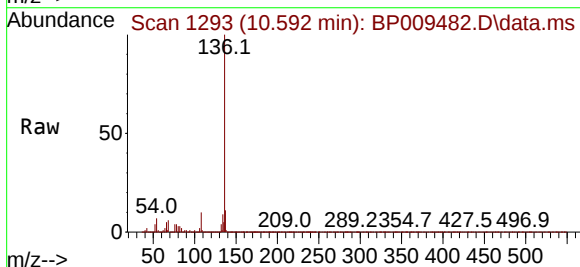
Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.8	19.2
71	32.6	26.3	39.5

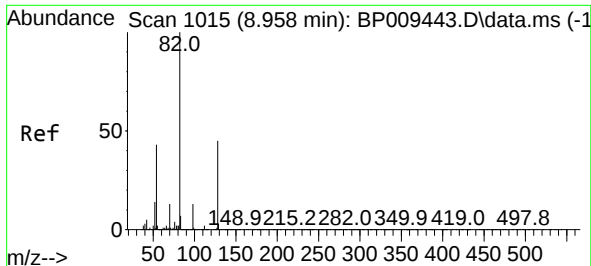


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.592 min Scan# 1293
Delta R.T. -0.001 min
Lab File: BP009482.D
Acq: 22 Mar 2022 11:09

Tgt Ion: 136 Resp: 1535321

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	7.0	5.8	8.8
68	6.0	5.2	7.8

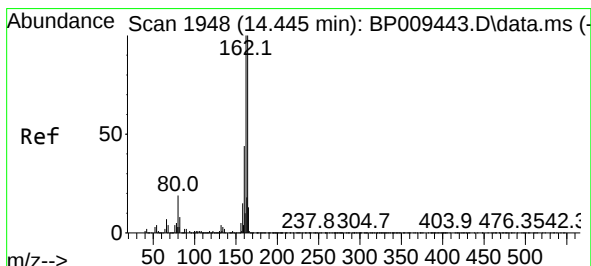
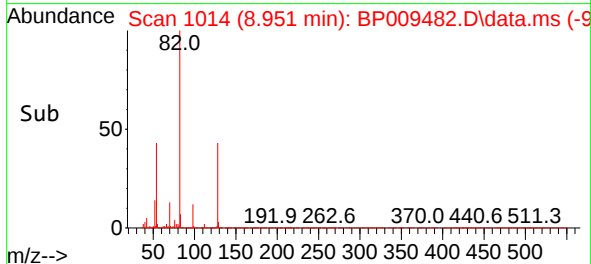
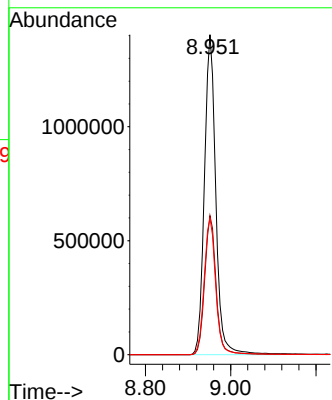
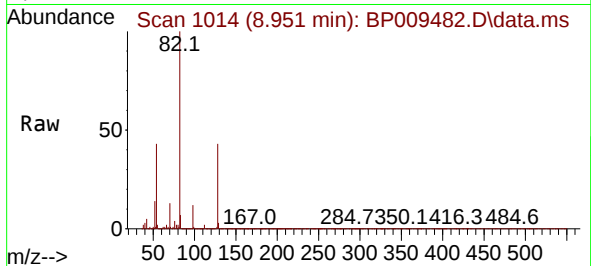




#23
Nitrobenzene-d5
Concen: 90.218 ng
RT: 8.951 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP009482.D
Acq: 22 Mar 2022 11:09

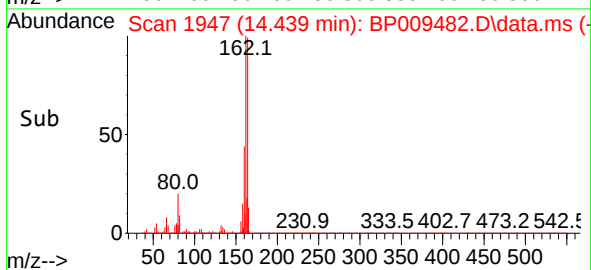
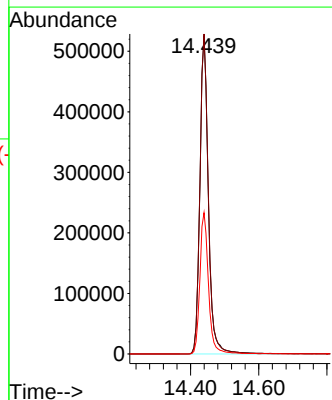
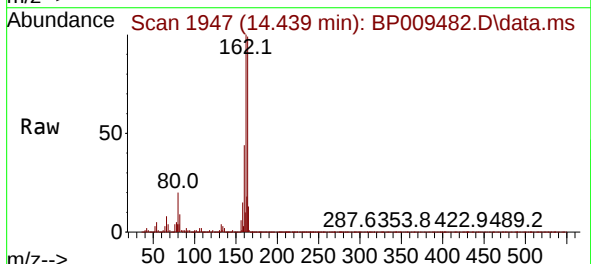
Instrument :
BNA_P
ClientSampleId :
PB143421BL

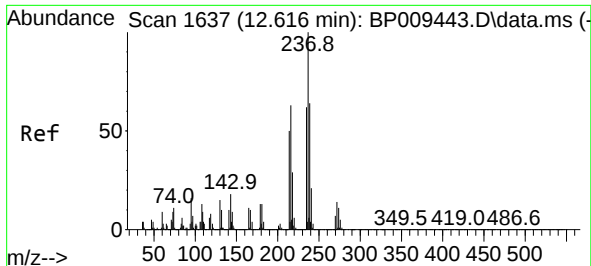
Tgt Ion: 82 Resp: 2606558
Ion Ratio Lower Upper
82 100
128 43.4 34.2 51.4
54 42.7 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.439 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP009482.D
Acq: 22 Mar 2022 11:09

Tgt Ion:164 Resp: 910455
Ion Ratio Lower Upper
164 100
162 100.7 79.1 118.7
160 44.4 34.9 52.3

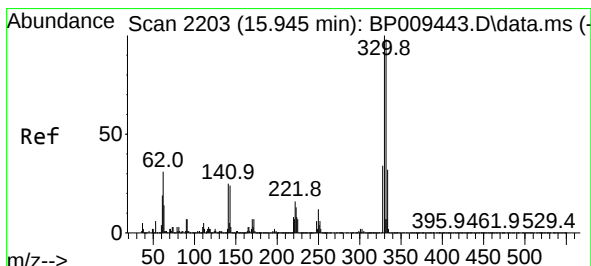
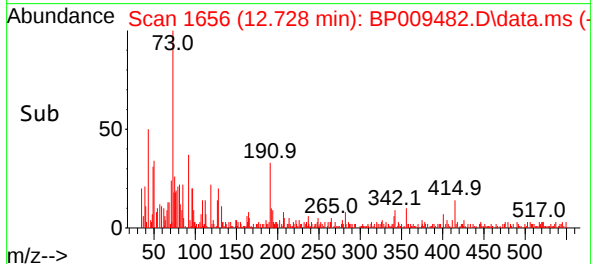
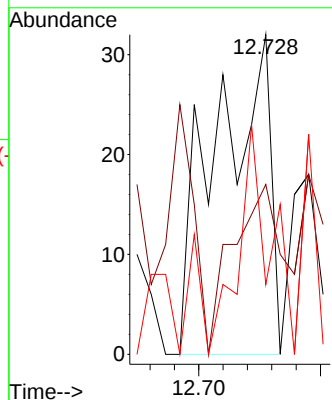
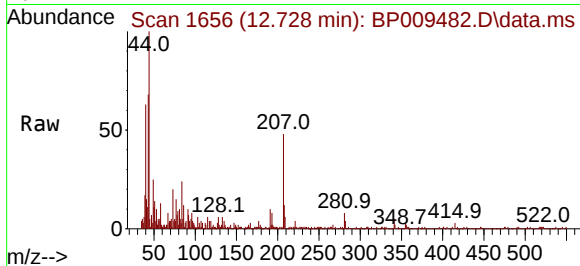




#41
Hexachlorocyclopentadiene
Concen: 7.292 ng
RT: 12.728 min Scan# 1
Delta R.T. 0.112 min
Lab File: BP009482.D
Acq: 22 Mar 2022 11:09

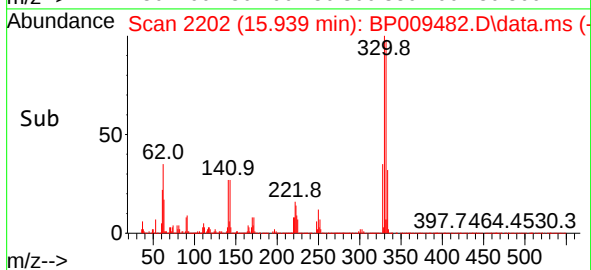
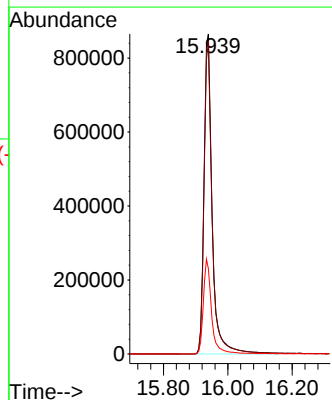
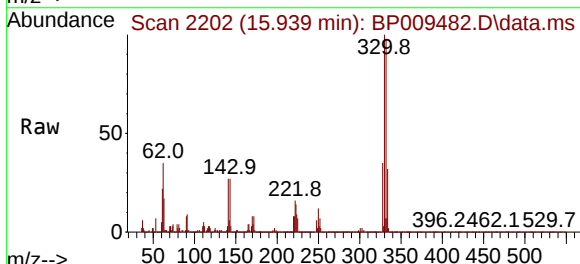
Instrument :
BNA_P
ClientSampleId :
PB143421BL

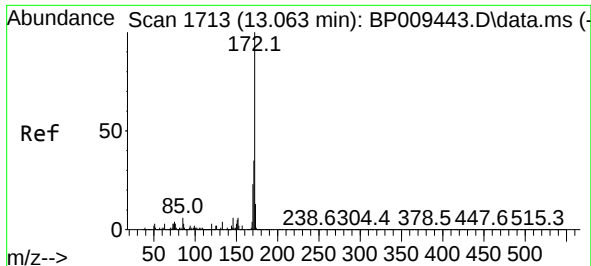
Tgt Ion:	237	Resp:	49
Ion	Ratio	Lower	Upper
237	100		
235	53.1	42.6	82.6
272	21.9	0.0	32.8



#42
2,4,6-Tribromophenol
Concen: 102.366 ng
RT: 15.939 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BP009482.D
Acq: 22 Mar 2022 11:09

Tgt Ion:	330	Resp:	1537959
Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	29.7	27.6	41.4

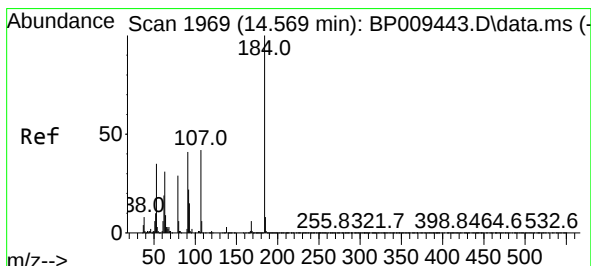
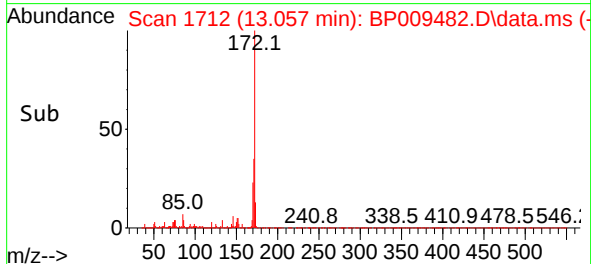
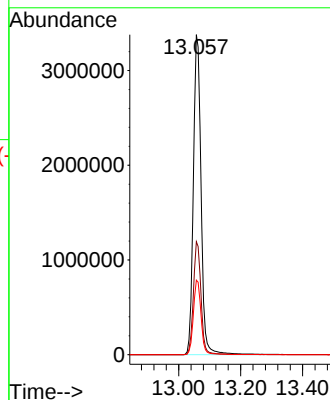
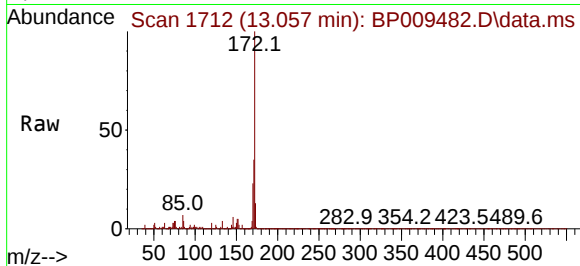




#45
2-Fluorobiphenyl
Concen: 88.872 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP009482.D
Acq: 22 Mar 2022 11:09

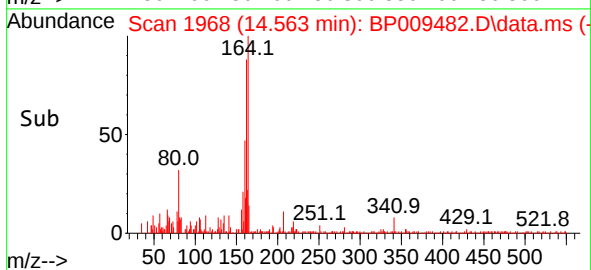
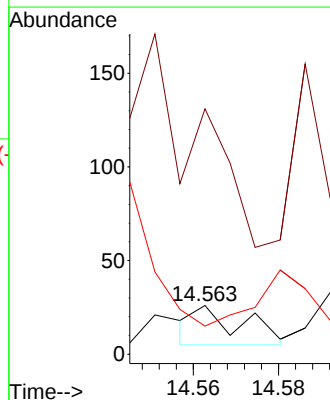
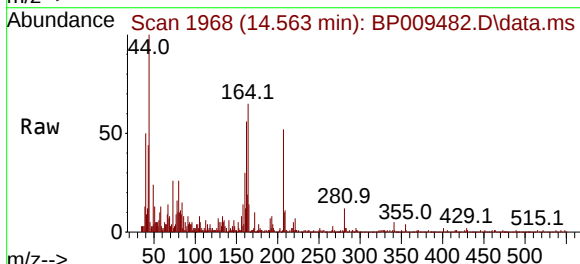
Instrument :
BNA_P
ClientSampleId :
PB143421BL

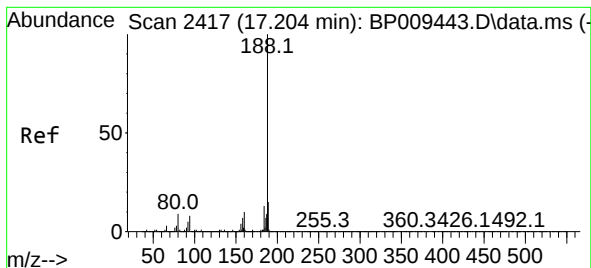
Tgt Ion:172 Resp: 5836729
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 23.3 18.6 27.8



#54
2,4-Dinitrophenol
Concen: 4.534 ng
RT: 14.563 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BP009482.D
Acq: 22 Mar 2022 11:09

Tgt Ion:184 Resp: 16
Ion Ratio Lower Upper
184 100
63 503.8 46.3 69.5#
154 57.7 45.8 68.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.204 min Scan# 2417

Delta R.T. -0.000 min

Lab File: BP009482.D

Acq: 22 Mar 2022 11:09

Instrument :

BNA_P

ClientSampleId :

PB143421BL

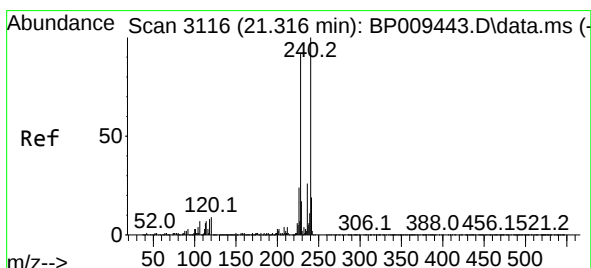
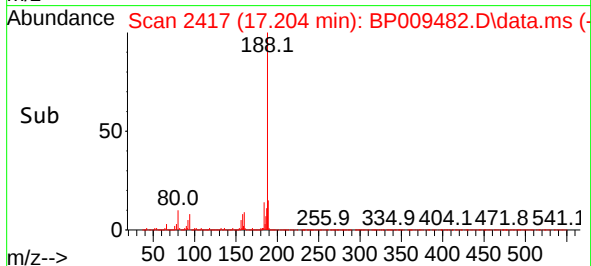
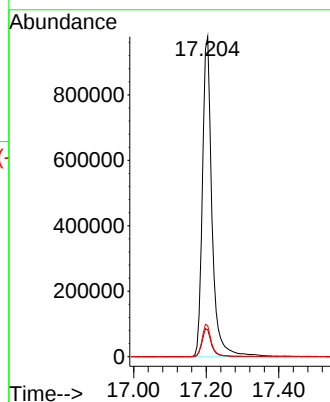
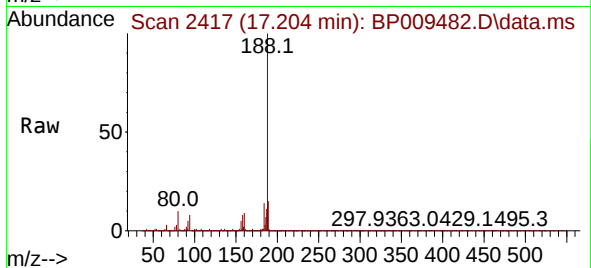
Tgt Ion:188 Resp: 1790606

Ion Ratio Lower Upper

188 100

94 8.4 7.9 11.9

80 9.7 8.8 13.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.309 min Scan# 3115

Delta R.T. -0.006 min

Lab File: BP009482.D

Acq: 22 Mar 2022 11:09

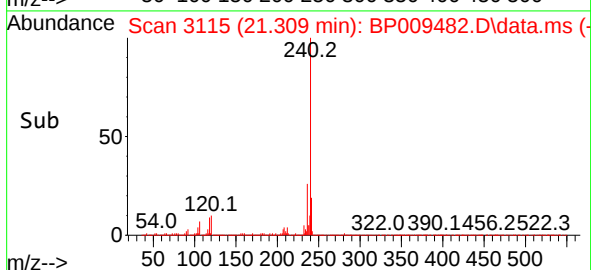
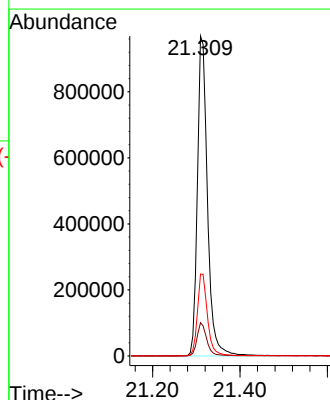
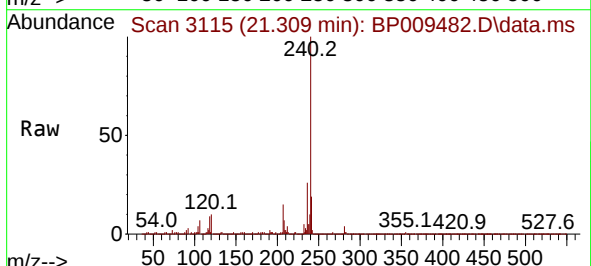
Tgt Ion:240 Resp: 1558961

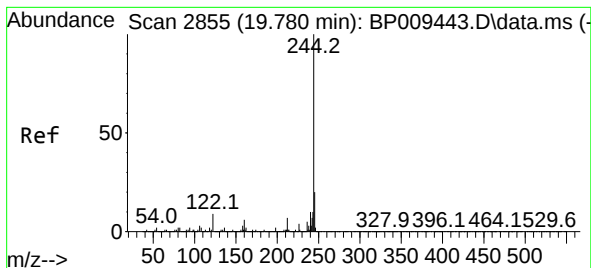
Ion Ratio Lower Upper

240 100

120 10.4 9.0 13.4

236 25.6 20.6 30.8





#79

Terphenyl-d14

Concen: 90.323 ng

RT: 19.780 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP009482.D

Acq: 22 Mar 2022 11:09

Instrument :

BNA_P

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PB143421BL

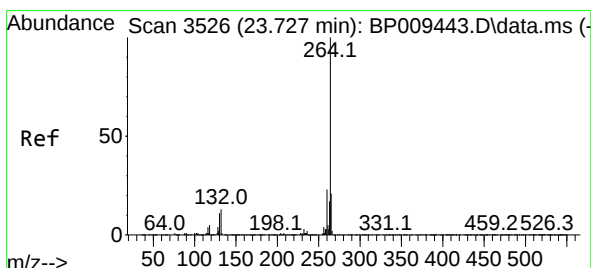
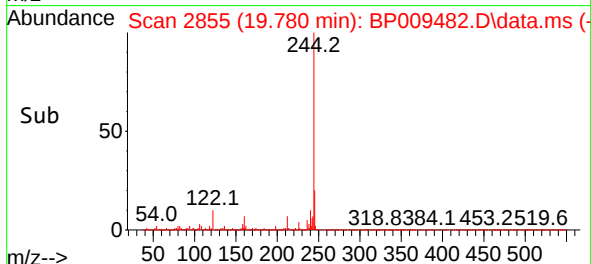
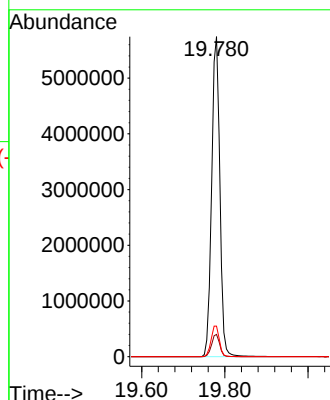
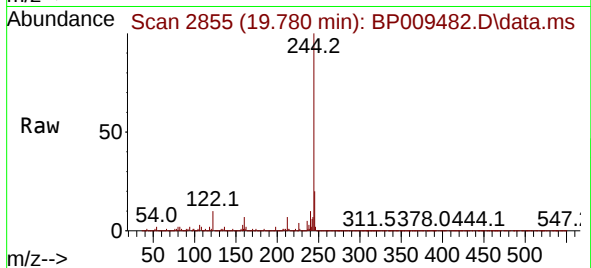
Tgt Ion:244 Resp: 7845063

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 9.5 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.715 min Scan# 3524

Delta R.T. -0.012 min

Lab File: BP009482.D

Acq: 22 Mar 2022 11:09

Tgt Ion:264 Resp: 1545333

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.0

265 22.6 17.2 25.8

