

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011221\
 Data File : BP004527.D
 Acq On : 13 Jan 2021 03:51
 Operator : CG/JU
 Sample : M1061-01 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 245657

Quant Time: Jan 13 04:18:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 12 15:19:32 2021
 Response via : Initial Calibration

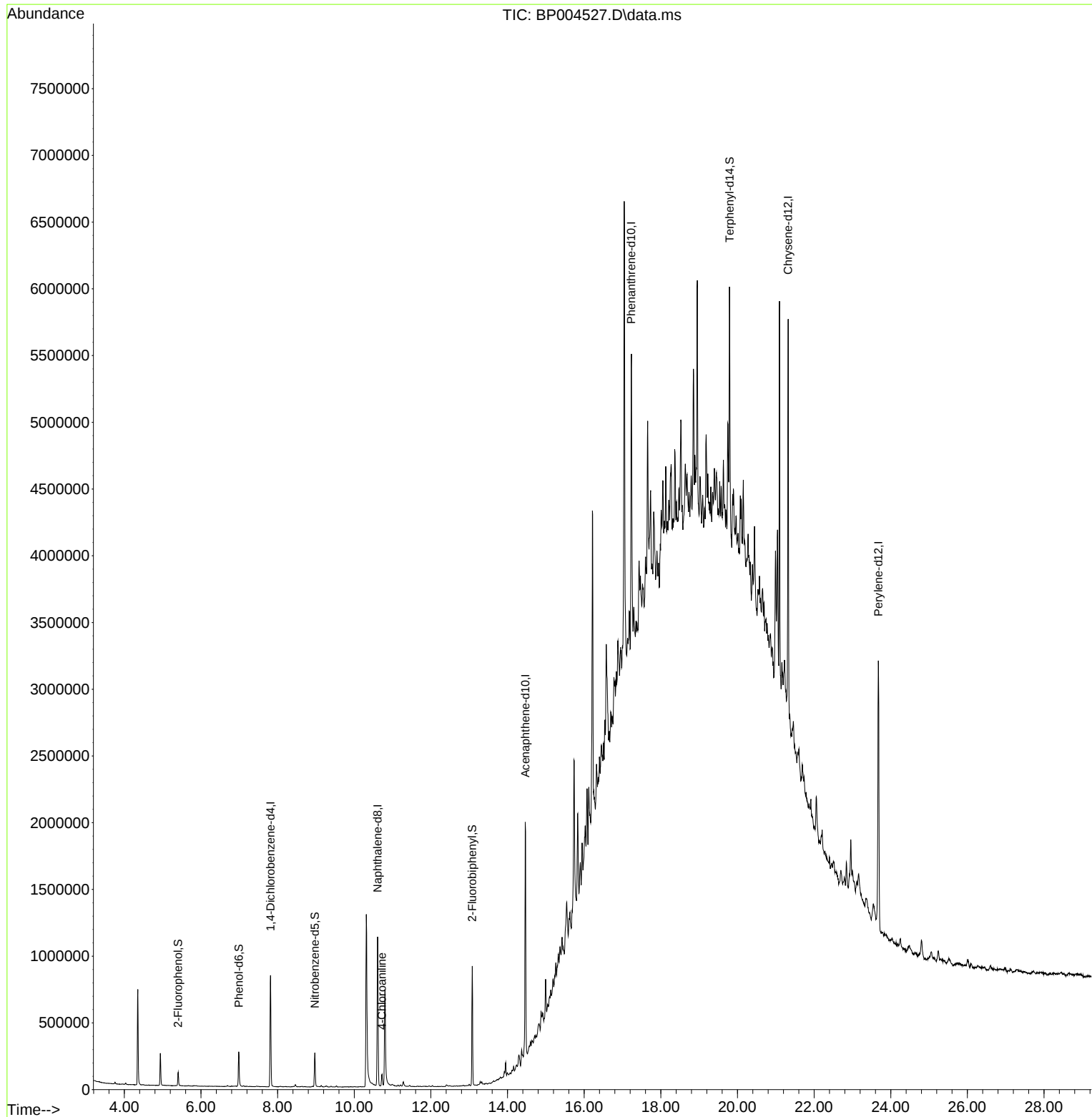
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	258077	20.00	ng	0.00
21) Naphthalene-d8	10.610	136	986998	20.00	ng	# 0.00
39) Acenaphthene-d10	14.463	164	626282	20.00	ng	0.00
64) Phenanthrene-d10	17.228	188	1244034	20.00	ng	0.00
76) Chrysene-d12	21.321	240	1479363	20.00	ng	0.00
86) Perylene-d12	23.674	264	1665987	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	53694	3.63	ng	0.00
7) Phenol-d6	6.987	99	174977	8.63	ng	0.00
23) Nitrobenzene-d5	8.969	82	160956	9.22	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	5980	0.55	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	491090	10.19	ng	0.00
79) Terphenyl-d14	19.792	244	741048	9.15	ng	0.00
Target Compounds						
9) Benzaldehyde	6.958	77	1309	Below Cal		Qvalue 86
32) Benzoic acid	9.904	122	651	Below Cal	#	67
33) 4-Chloroaniline	10.722	127	58314	2.49	ng	# 93
41) Hexachlorocyclopentadiene	12.416	237	17	Below Cal		80
54) 2,4-Dinitrophenol	14.575	184	133	Below Cal	#	1

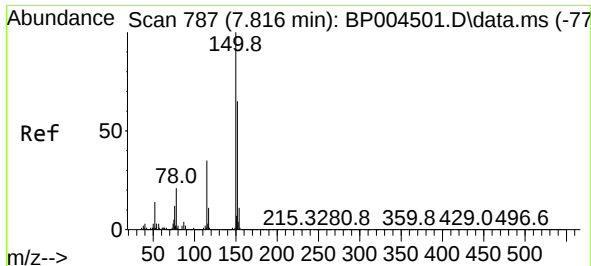
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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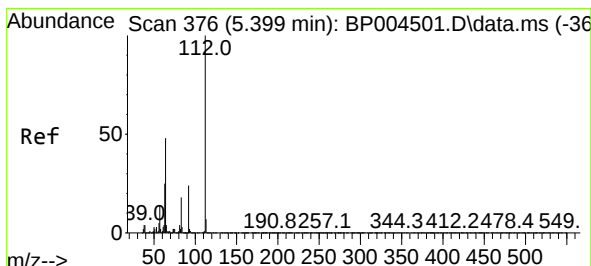
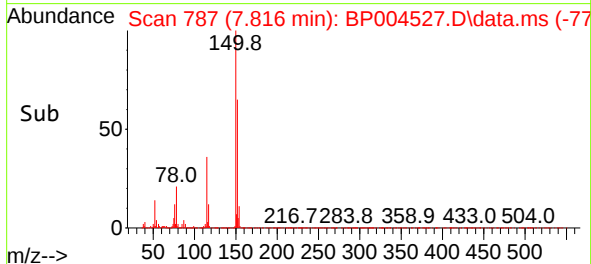
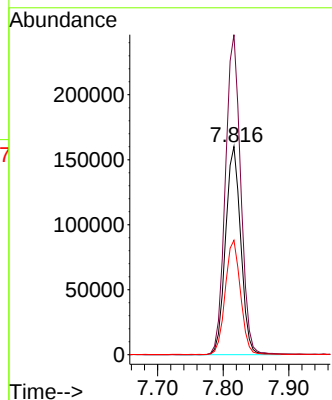
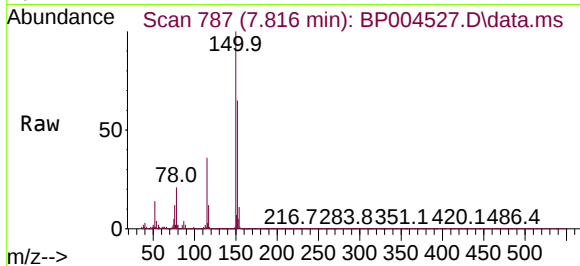




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.816 min Scan# 787
Delta R.T. 0.000 min
Lab File: BP004527.D
Acq: 13 Jan 2021 03:51

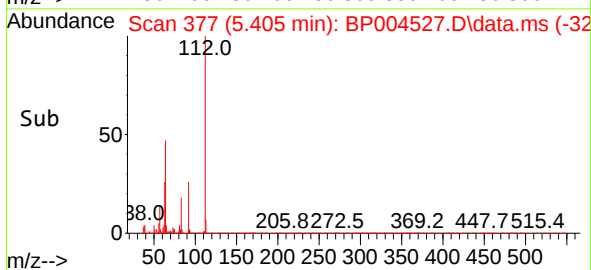
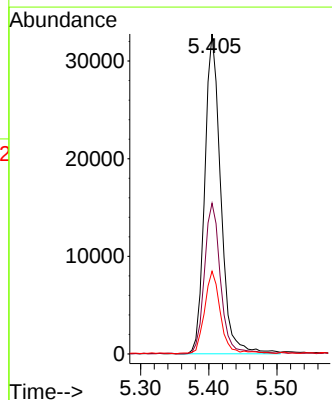
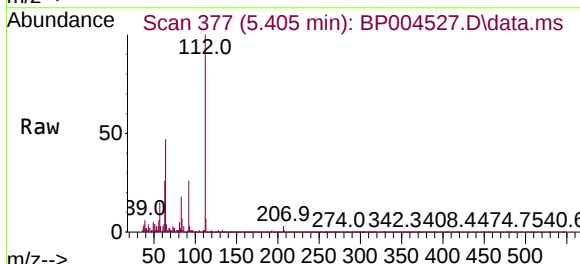
Instrument :
BNA_P
ClientSampleId :
245657

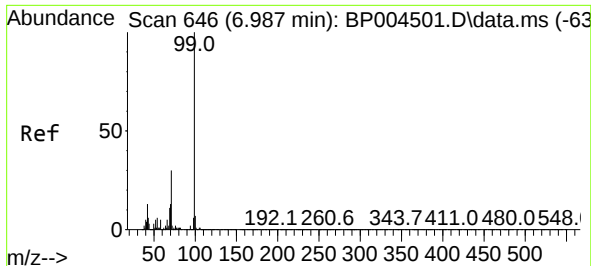
Tgt Ion:152 Resp: 258077
Ion Ratio Lower Upper
152 100
150 153.7 123.8 185.6
115 54.9 43.8 65.6



#5
2-Fluorophenol
Concen: 3.63 ng
RT: 5.405 min Scan# 377
Delta R.T. 0.006 min
Lab File: BP004527.D
Acq: 13 Jan 2021 03:51

Tgt Ion:112 Resp: 53694
Ion Ratio Lower Upper
112 100
64 47.1 32.8 49.2
63 25.9 17.0 25.4#

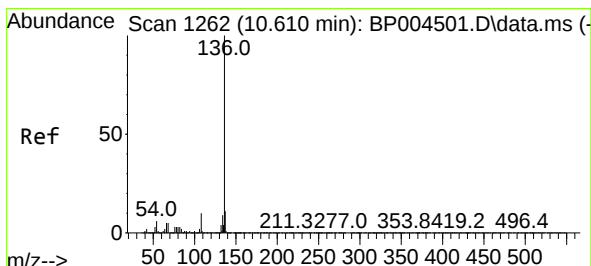
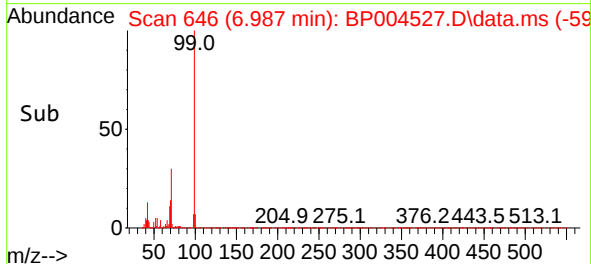
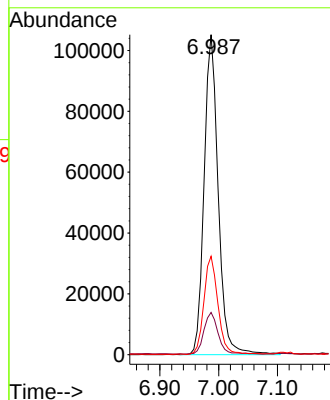
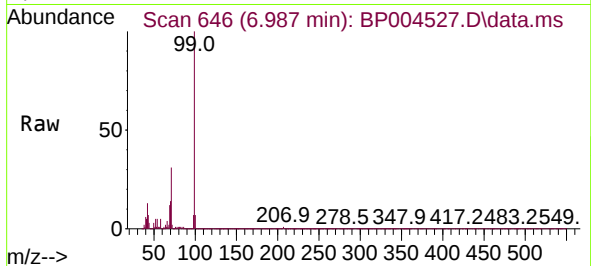




#7
Phenol-d6
Concen: 8.63 ng
RT: 6.987 min Scan# 646
Delta R.T. -0.000 min
Lab File: BP004527.D
Acq: 13 Jan 2021 03:51

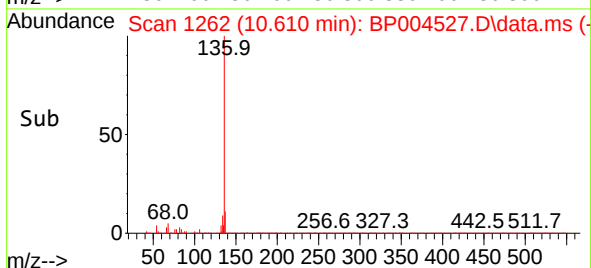
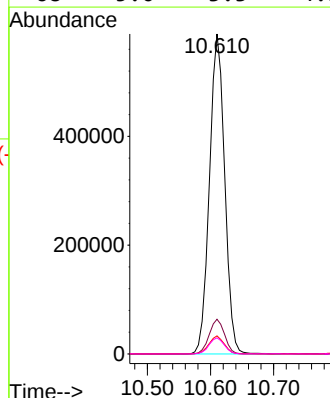
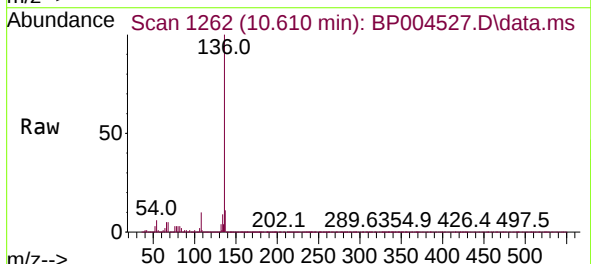
Instrument :
BNA_P
ClientSampleId :
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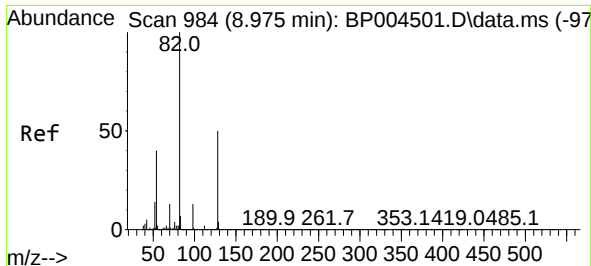
Tgt Ion: 99 Resp: 174977
Ion Ratio Lower Upper
99 100
42 13.2 8.6 13.0#
71 30.8 23.4 35.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.610 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BP004527.D
Acq: 13 Jan 2021 03:51

Tgt Ion: 136 Resp: 986998
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 5.6 3.6 5.4#
68 5.0 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 9.22 ng

RT: 8.969 min Scan# 983

Delta R.T. -0.006 min

Lab File: BP004527.D

Acq: 13 Jan 2021 03:51

Instrument :

BNA_P

ClientSampleId :

245657

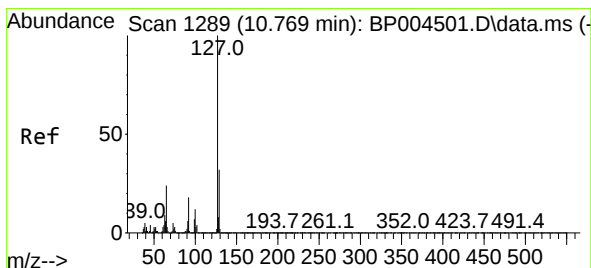
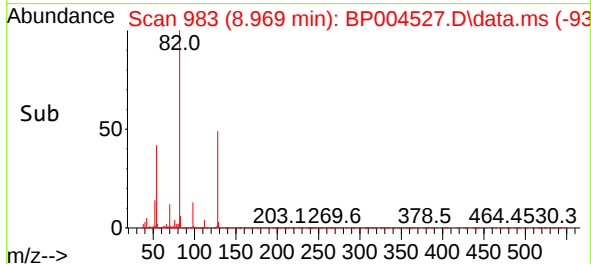
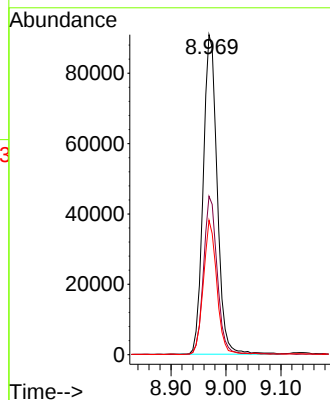
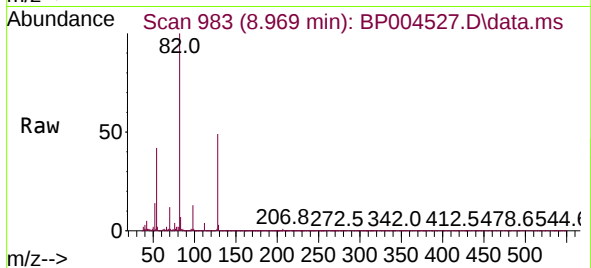
Tgt Ion: 82 Resp: 160956

Ion Ratio Lower Upper

82 100

128 49.5 45.6 68.4

54 42.0 30.1 45.1



#33

4-Chloroaniline

Concen: 2.49 ng

RT: 10.722 min Scan# 1281

Delta R.T. -0.047 min

Lab File: BP004527.D

Acq: 13 Jan 2021 03:51

Tgt Ion: 127 Resp: 58314

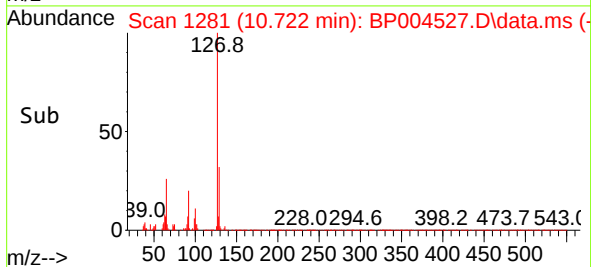
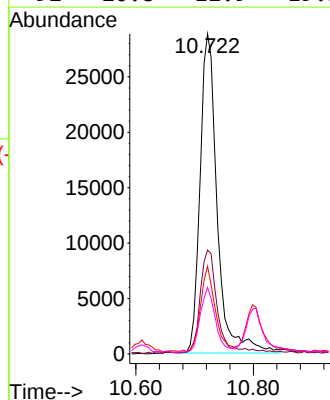
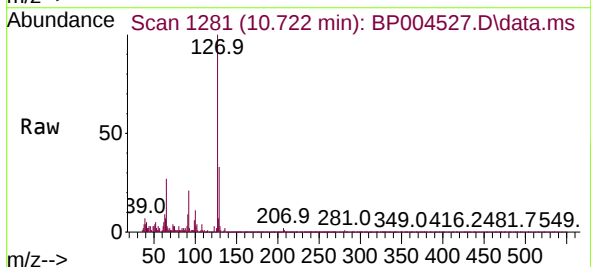
Ion Ratio Lower Upper

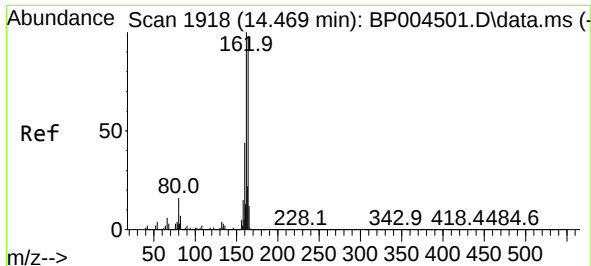
127 100

129 32.5 25.7 38.5

65 27.4 17.3 25.9#

92 20.8 12.9 19.3#

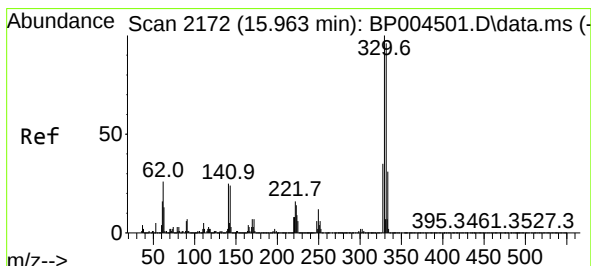
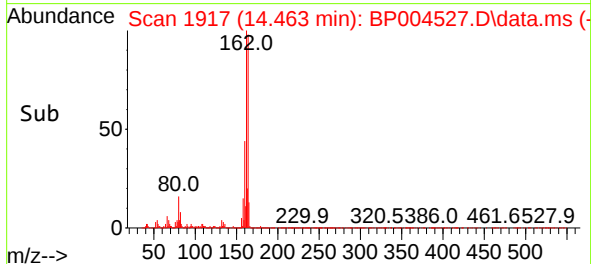
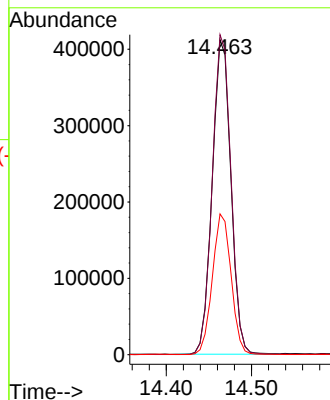
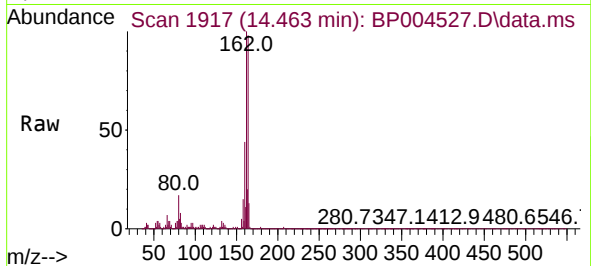




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.463 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP004527.D
Acq: 13 Jan 2021 03:51

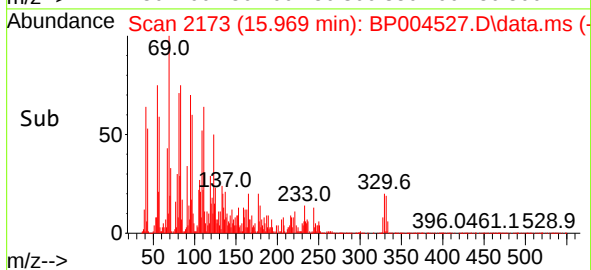
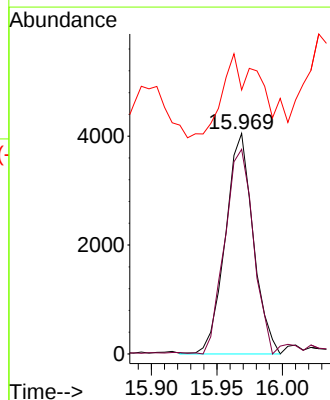
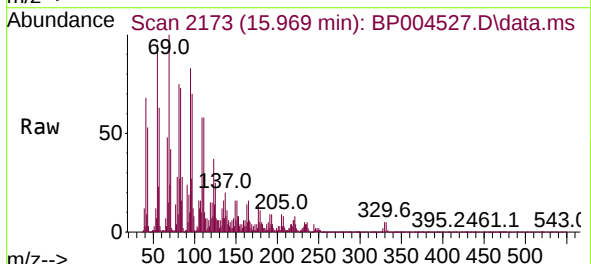
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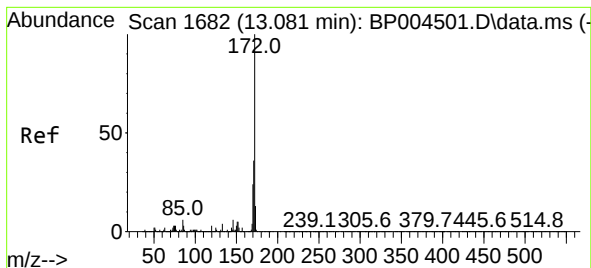
Tgt Ion:164 Resp: 626282
Ion Ratio Lower Upper
164 100
162 101.6 79.4 119.2
160 44.7 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 0.55 ng
RT: 15.969 min Scan# 2173
Delta R.T. 0.006 min
Lab File: BP004527.D
Acq: 13 Jan 2021 03:51

Tgt Ion:330 Resp: 5980
Ion Ratio Lower Upper
330 100
332 95.4 77.1 115.7
141 23.5 23.4 35.2

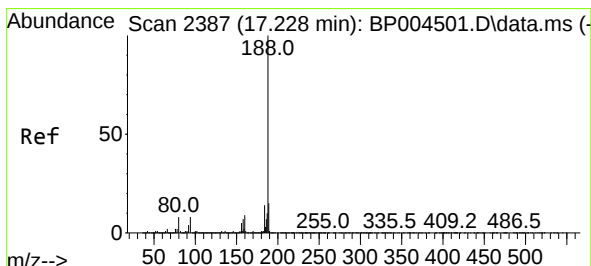
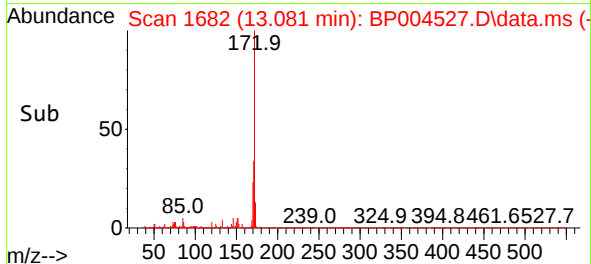
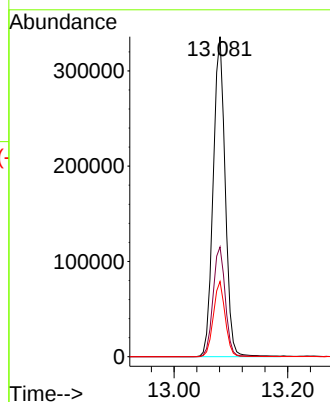
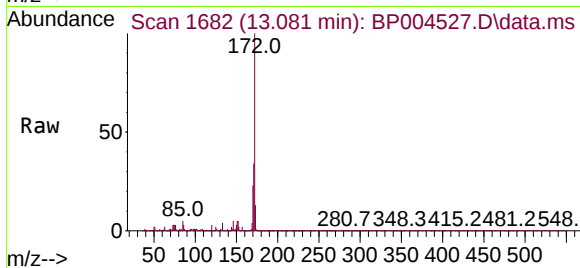




#45
2-Fluorobiphenyl
Concen: 10.19 ng
RT: 13.081 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BP004527.D
Acq: 13 Jan 2021 03:51

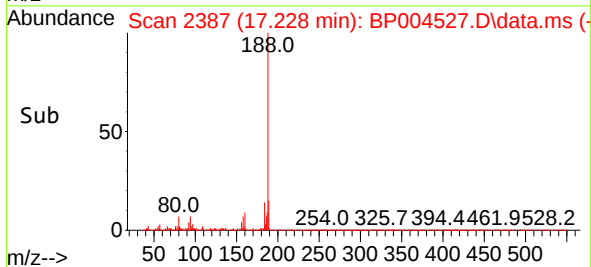
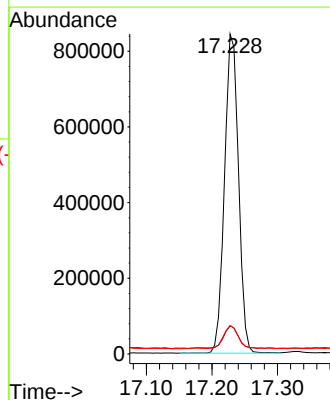
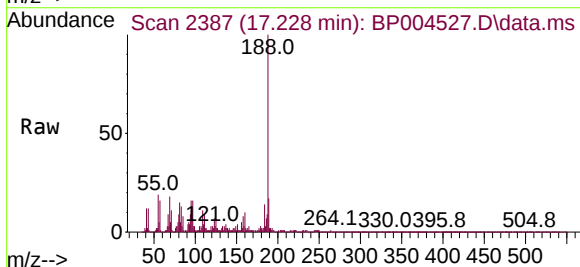
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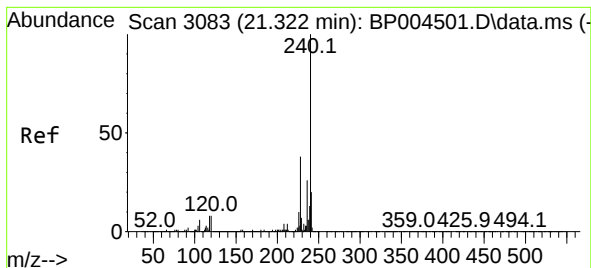
Tgt Ion:172 Resp: 491090
Ion Ratio Lower Upper
172 100
171 34.3 28.5 42.7
170 23.5 19.2 28.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.228 min Scan# 2387
Delta R.T. -0.000 min
Lab File: BP004527.D
Acq: 13 Jan 2021 03:51

Tgt Ion:188 Resp: 1244034
Ion Ratio Lower Upper
188 100
94 8.8 6.2 9.2
80 8.9 6.2 9.2





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.321 min Scan# 3083

Delta R.T. -0.000 min

Lab File: BP004527.D

Acq: 13 Jan 2021 03:51

Instrument :

BNA_P

ClientSampleId :

245657

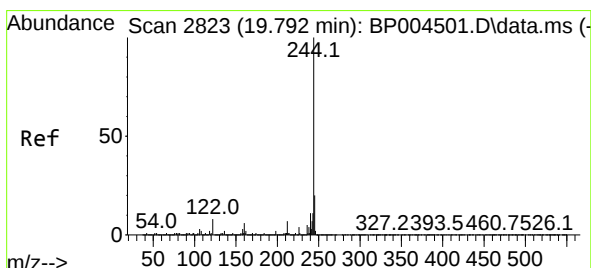
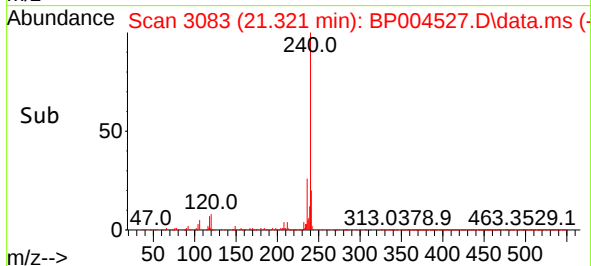
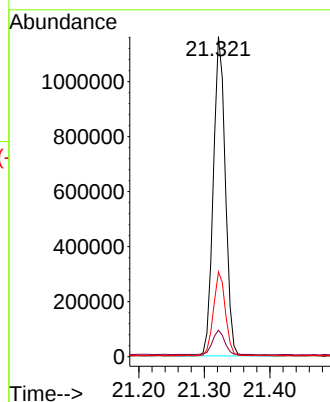
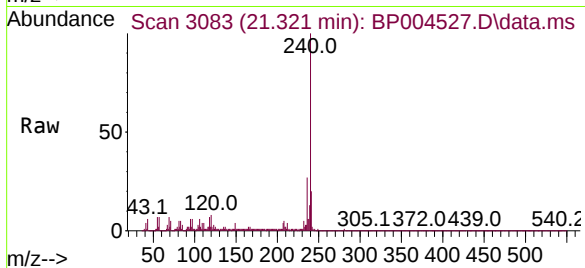
Tgt Ion:240 Resp: 1479363

Ion Ratio Lower Upper

240 100

120 8.3 7.8 11.6

236 26.5 20.8 31.2



#79

Terphenyl-d14

Concen: 9.15 ng

RT: 19.792 min Scan# 2823

Delta R.T. -0.000 min

Lab File: BP004527.D

Acq: 13 Jan 2021 03:51

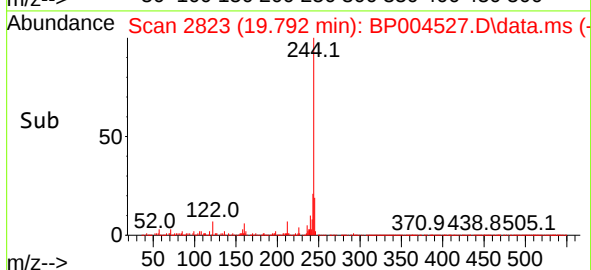
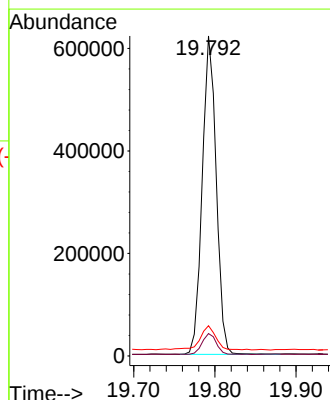
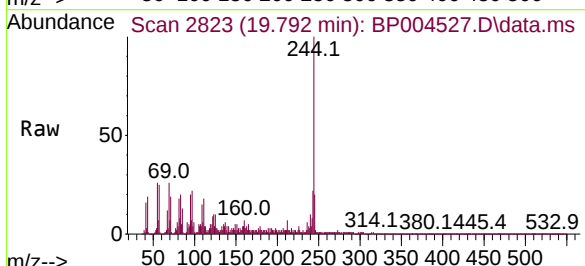
Tgt Ion:244 Resp: 741048

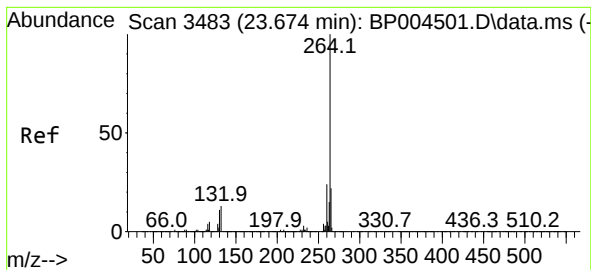
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 9.5 7.8 11.8





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.674 min Scan# 3483
 Delta R.T. -0.000 min
 Lab File: BP004527.D
 Acq: 13 Jan 2021 03:51

Instrument :
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Tgt Ion:264 Resp: 1665987

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.8	28.2
265	21.9	17.4	26.2

