

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100920\
 Data File : BP003592.D
 Acq On : 09 Oct 2020 14:23
 Operator : CG/JU
 Sample : L4316-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 11929

Quant Time: Oct 09 15:21:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 08 15:55:58 2020
 Response via : Initial Calibration

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

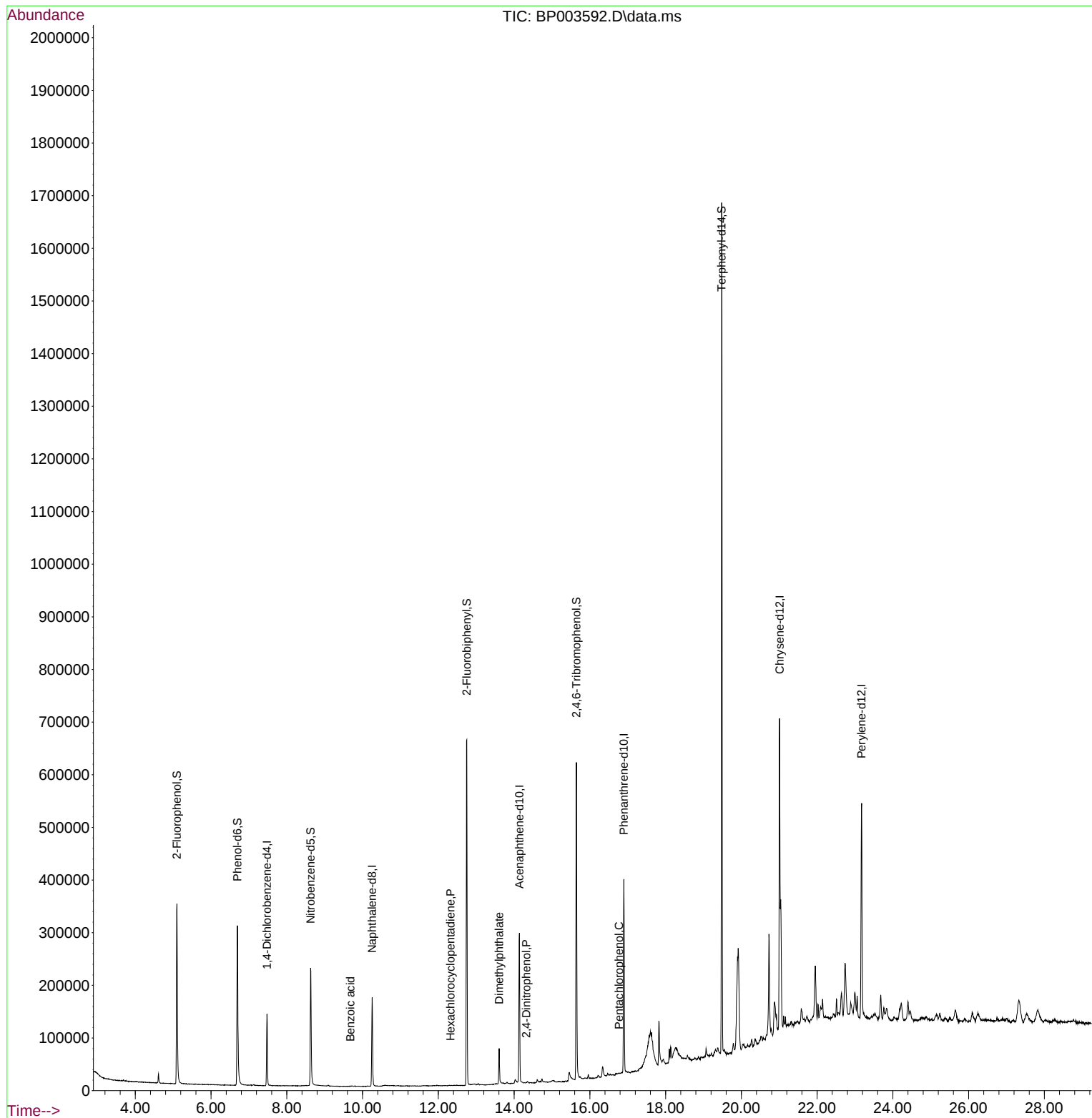
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.475	152	36941	20.00	ng	0.00
21) Naphthalene-d8	10.251	136	137000	20.00	ng	0.00
39) Acenaphthene-d10	14.139	164	96997	20.00	ng	0.00
64) Phenanthrene-d10	16.898	188	221084	20.00	ng	0.00
76) Chrysene-d12	21.010	240	268487	20.00	ng	# 0.00
86) Perylene-d12	23.174	264	307868	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.099	112	170824	80.75	ng	0.00
7) Phenol-d6	6.693	99	205997	73.05	ng	0.00
23) Nitrobenzene-d5	8.628	82	140807	60.38	ng	0.00
42) 2,4,6-Tribromophenol	15.645	330	141702	95.78	ng	0.00
45) 2-Fluorobiphenyl	12.751	172	344162	51.89	ng	0.00
79) Terphenyl-d14	19.480	244	673408	52.26	ng	0.00
Target Compounds						
32) Benzoic acid	9.681	122	19	9.17	ng	# 1
41) Hexachlorocyclopentadiene	12.322	237	13	6.85	ng	74
50) Dimethylphthalate	13.604	163	46295	5.98	ng	99
54) 2,4-Dinitrophenol	14.322	184	23	7.28	ng	# 1
70) Pentachlorophenol	16.769	266	35	6.79	ng	94

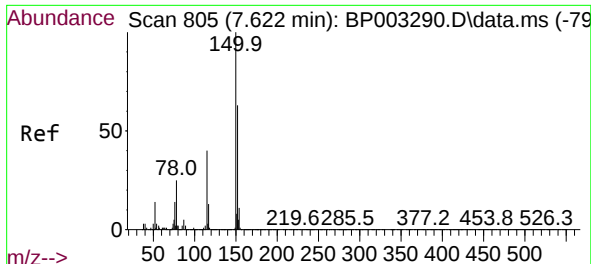
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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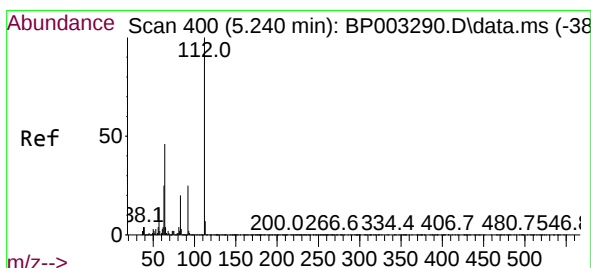
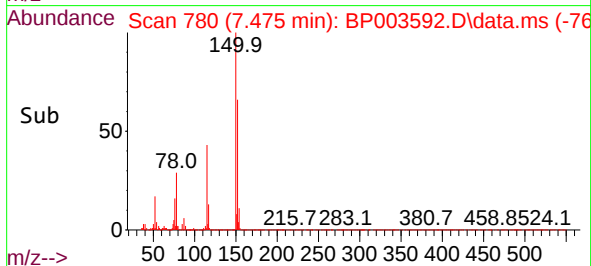
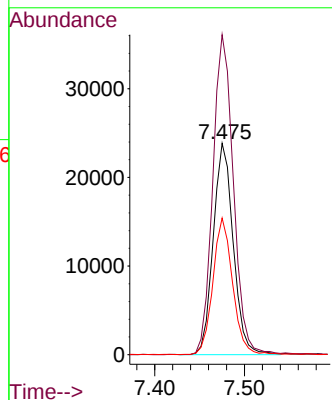
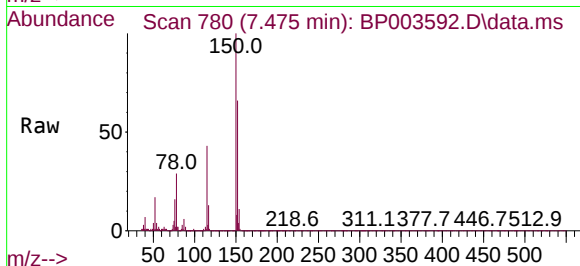




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.475 min Scan# 780
Delta R.T. -0.006 min
Lab File: BP003592.D
Acq: 09 Oct 2020 14:23

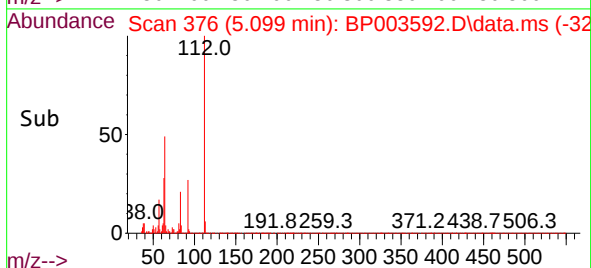
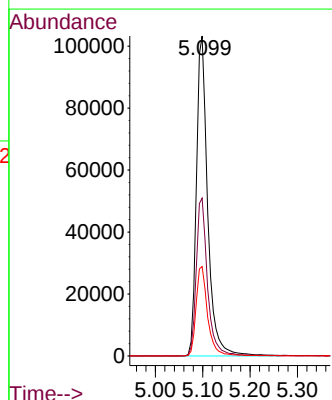
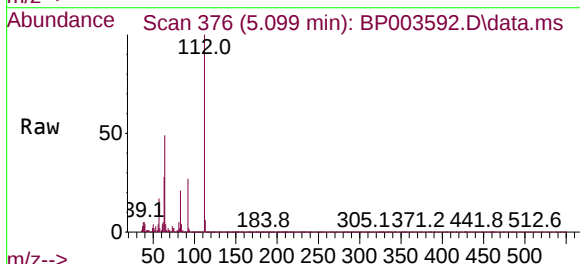
Instrument :
BNA_P
ClientSampleId :
11929

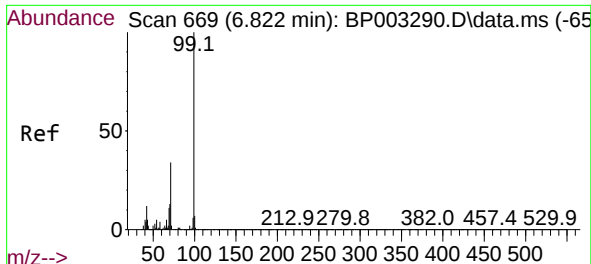
Tgt Ion:152 Resp: 36941
Ion Ratio Lower Upper
152 100
150 151.4 123.8 185.6
115 64.6 43.8 65.6



#5
2-Fluorophenol
Concen: 80.75 ng
RT: 5.099 min Scan# 376
Delta R.T. 0.000 min
Lab File: BP003592.D
Acq: 09 Oct 2020 14:23

Tgt Ion:112 Resp: 170824
Ion Ratio Lower Upper
112 100
64 49.3 32.8 49.2#
63 28.0 17.0 25.4#

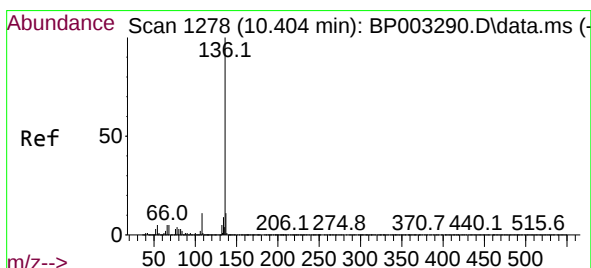
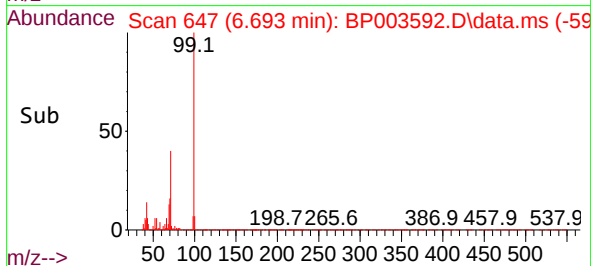
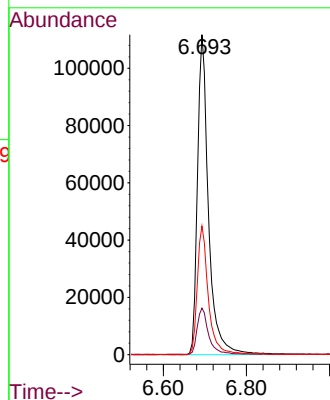
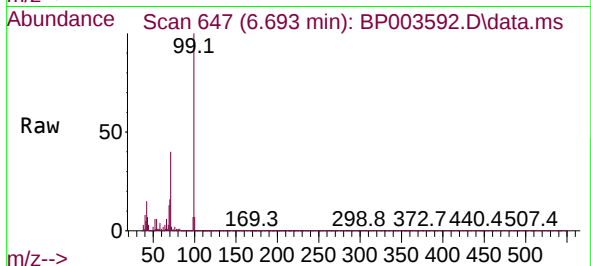




#7
Phenol-d6
Concen: 73.05 ng
RT: 6.693 min Scan# 647
Delta R.T. 0.006 min
Lab File: BP003592.D
Acq: 09 Oct 2020 14:23

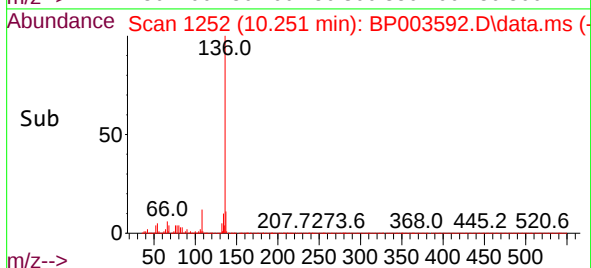
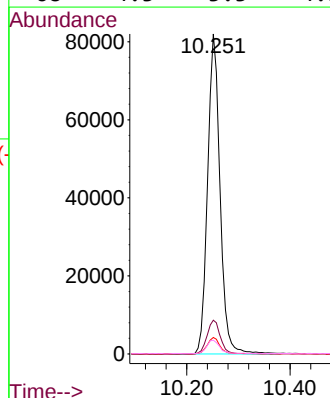
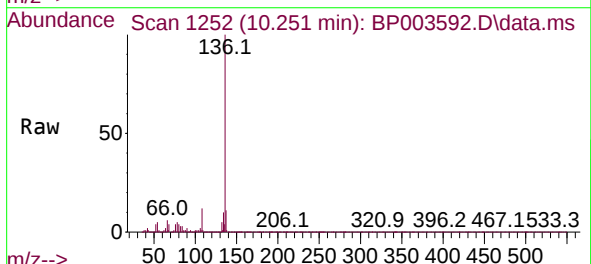
Instrument :
BNA_P
ClientSampleId :
11929

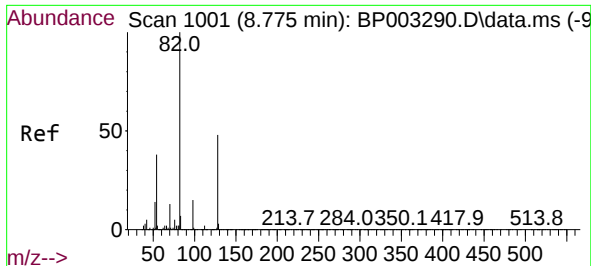
Tgt Ion: 99 Resp: 205997
Ion Ratio Lower Upper
99 100
42 14.5 8.6 13.0#
71 40.2 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.251 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BP003592.D
Acq: 09 Oct 2020 14:23

Tgt Ion: 136 Resp: 137000
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 5.2 3.6 5.4
68 4.3 3.3 4.9

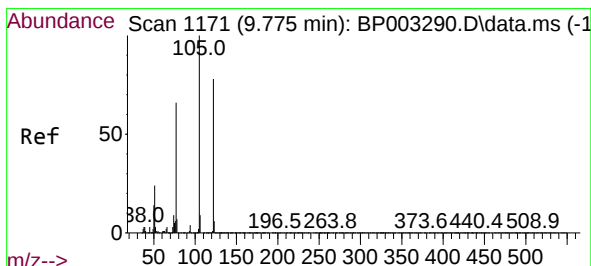
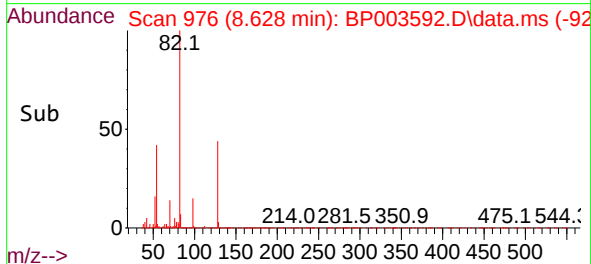
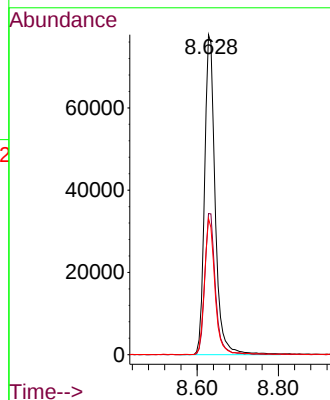
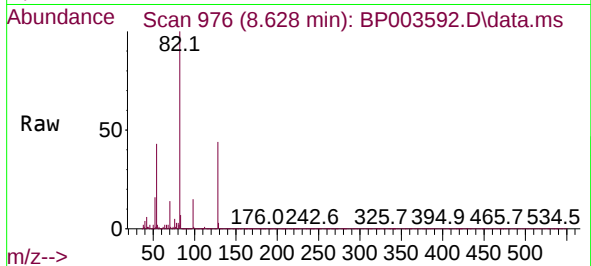




#23
Nitrobenzene-d5
Concen: 60.38 ng
RT: 8.628 min Scan# 976
Delta R.T. -0.006 min
Lab File: BP003592.D
Acq: 09 Oct 2020 14:23

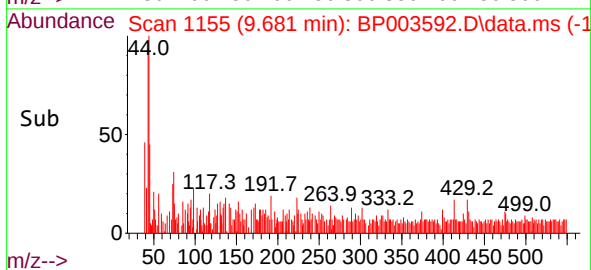
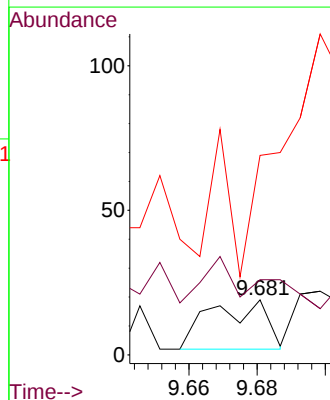
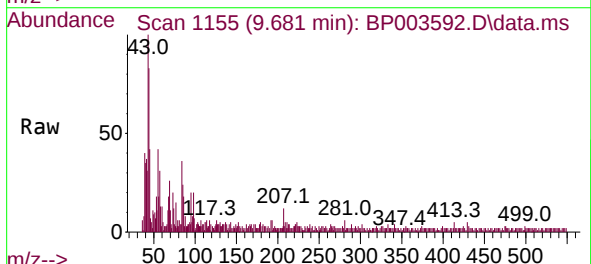
Instrument :
BNA_P
ClientSampleId :
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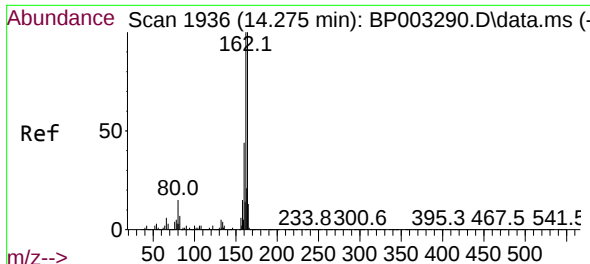
Tgt Ion: 82 Resp: 140807
Ion Ratio Lower Upper
82 100
128 44.1 45.6 68.4#
54 42.6 30.1 45.1



#32
Benzoic acid
Concen: 9.17 ng
RT: 9.681 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BP003592.D
Acq: 09 Oct 2020 14:23

Tgt Ion: 122 Resp: 19
Ion Ratio Lower Upper
122 100
105 136.8 94.1 134.1#
77 363.2 50.1 90.1#

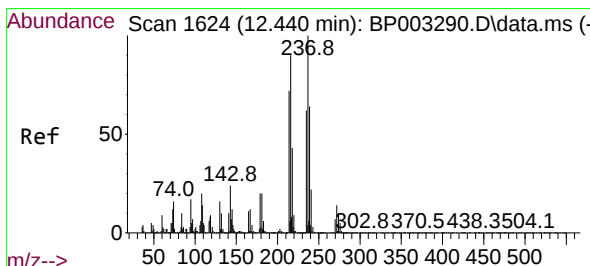
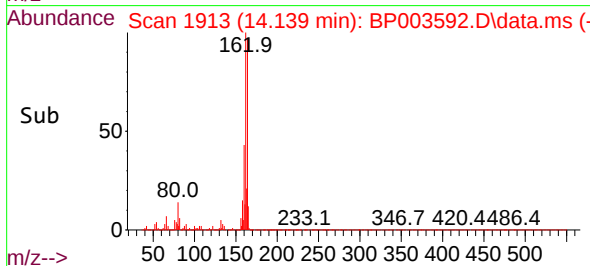
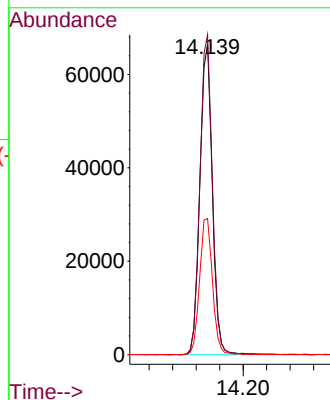
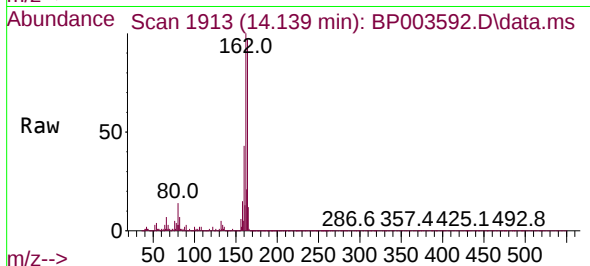




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.139 min Scan# 1913
Delta R.T. 0.000 min
Lab File: BP003592.D
Acq: 09 Oct 2020 14:23

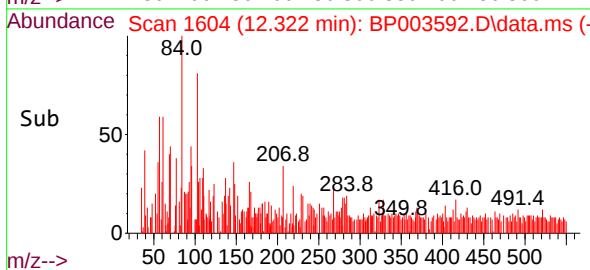
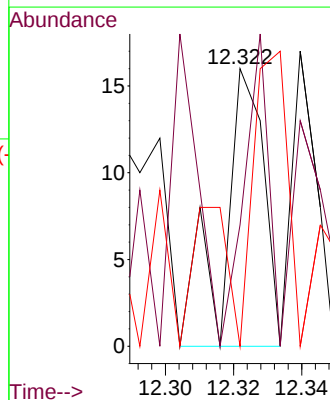
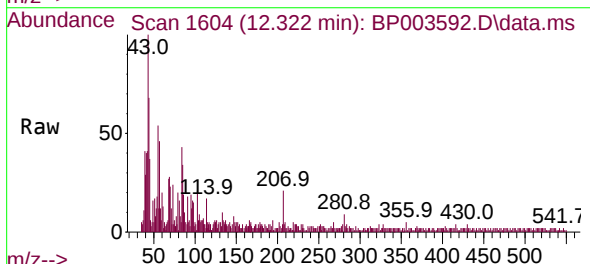
Instrument :
BNA_P
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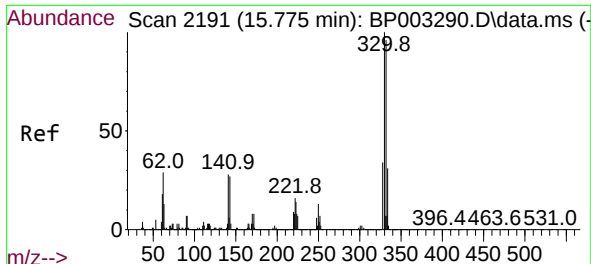
Tgt Ion:	164	Resp:	96997
Ion	Ratio	Lower	Upper
164	100		
162	103.0	79.4	119.2
160	43.8	36.1	54.1



#41
Hexachlorocyclopentadiene
Concen: 6.85 ng
RT: 12.322 min Scan# 1604
Delta R.T. 0.029 min
Lab File: BP003592.D
Acq: 09 Oct 2020 14:23

Tgt Ion:	237	Resp:	13
Ion	Ratio	Lower	Upper
237	100		
235	43.8	43.2	83.2
272	0.0	0.0	33.3

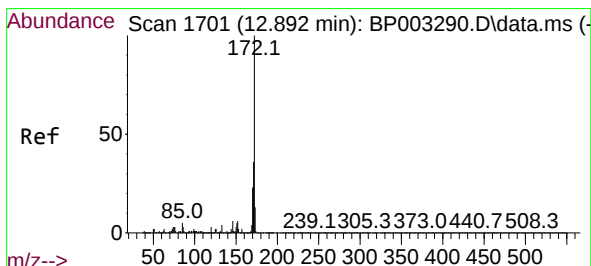
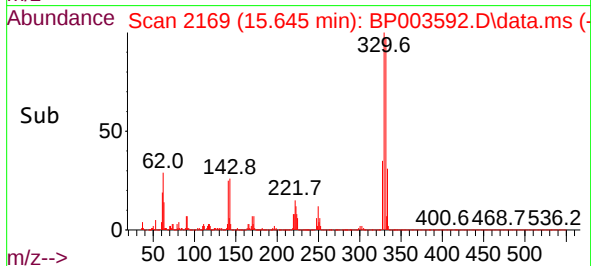
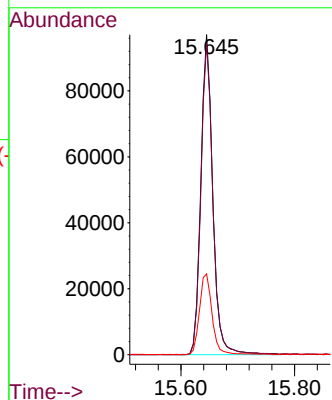
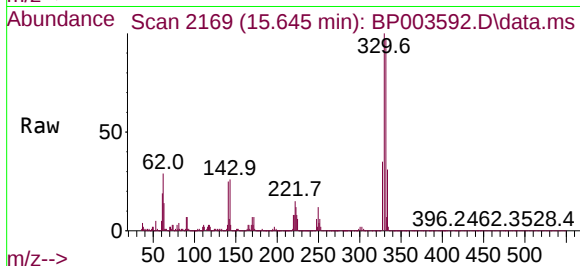




#42
2,4,6-Tribromophenol
Concen: 95.78 ng
RT: 15.645 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BP003592.D
Acq: 09 Oct 2020 14:23

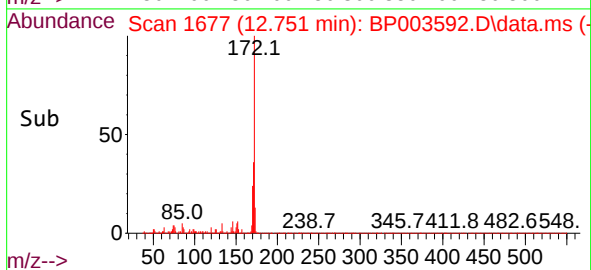
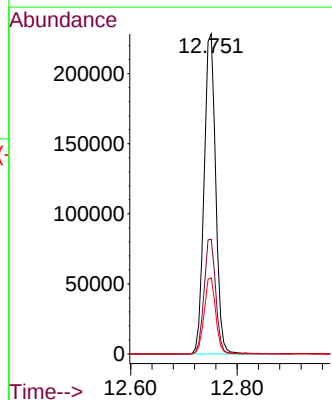
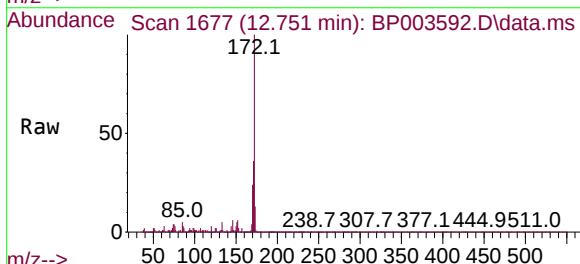
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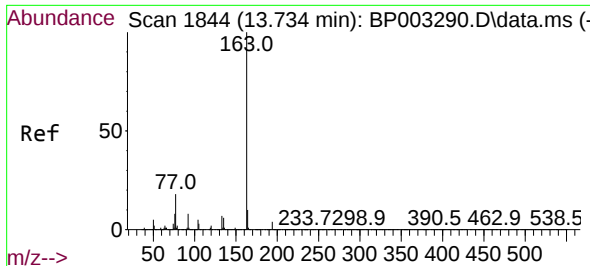
Tgt Ion:330 Resp: 141702
Ion Ratio Lower Upper
330 100
332 97.8 77.1 115.7
141 27.1 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 51.89 ng
RT: 12.751 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BP003592.D
Acq: 09 Oct 2020 14:23

Tgt Ion:172 Resp: 344162
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.8 19.2 28.8

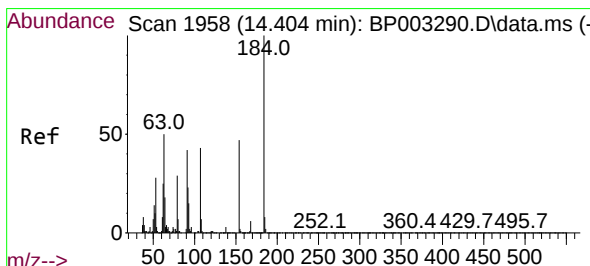
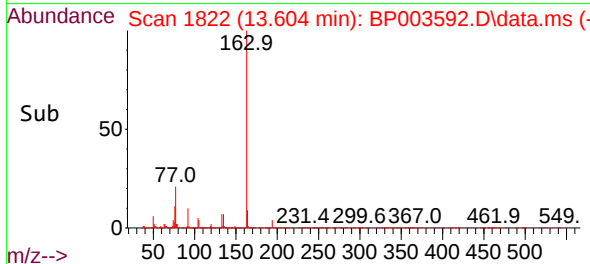
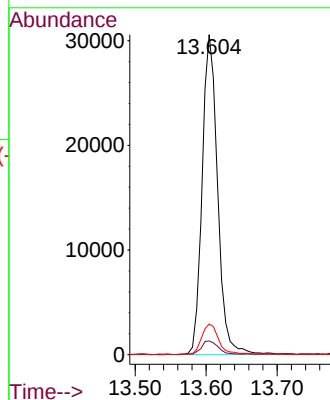
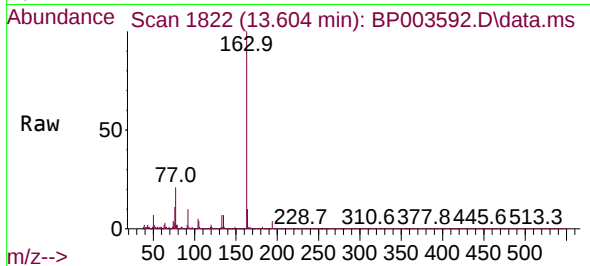




#50
Dimethylphthalate
Concen: 5.98 ng
RT: 13.604 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BP003592.D
Acq: 09 Oct 2020 14:23

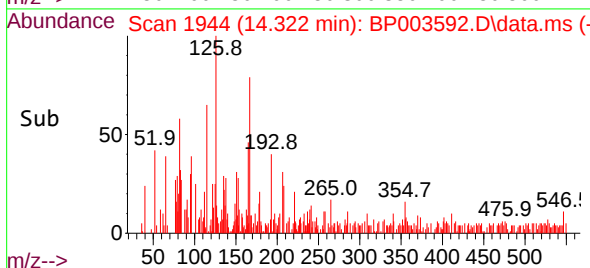
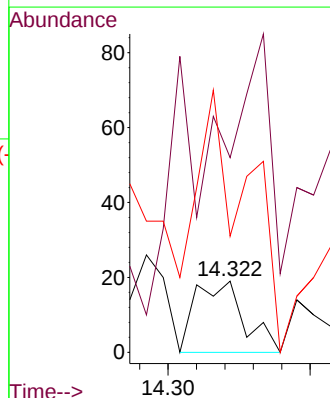
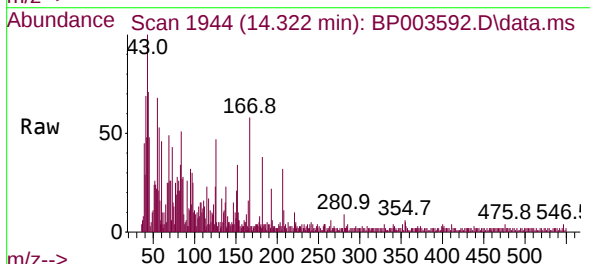
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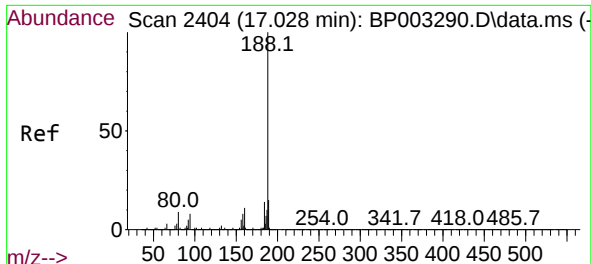
Tgt Ion:163	Resp:	46295
Ion Ratio	Lower	Upper
163	100	
194	4.3	3.3 4.9
164	9.6	8.2 12.2



#54
2,4-Dinitrophenol
Concen: 7.28 ng
RT: 14.322 min Scan# 1944
Delta R.T. 0.006 min
Lab File: BP003592.D
Acq: 09 Oct 2020 14:23

Tgt Ion:184	Resp:	23
Ion Ratio	Lower	Upper
184	100	
63	273.7	32.3 48.5#
154	163.2	49.1 73.7#

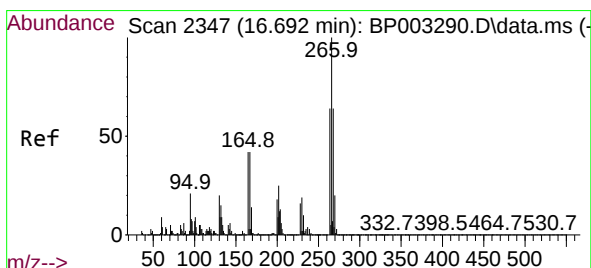
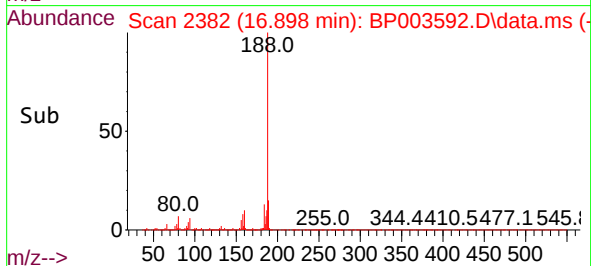
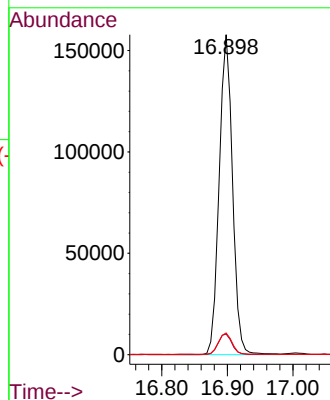
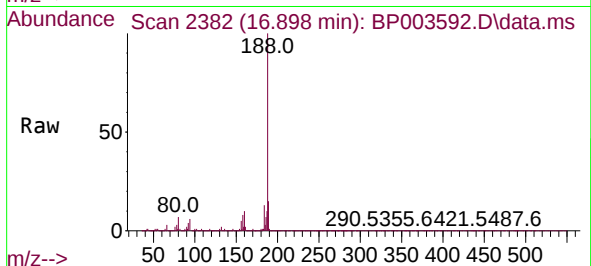




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.898 min Scan# 2382
Delta R.T. 0.000 min
Lab File: BP003592.D
Acq: 09 Oct 2020 14:23

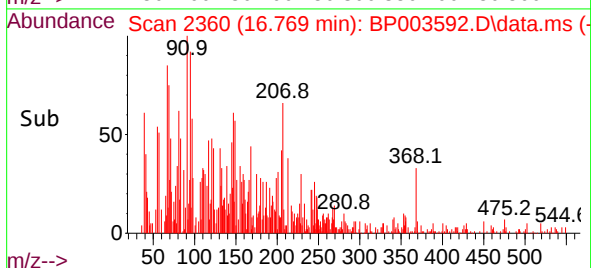
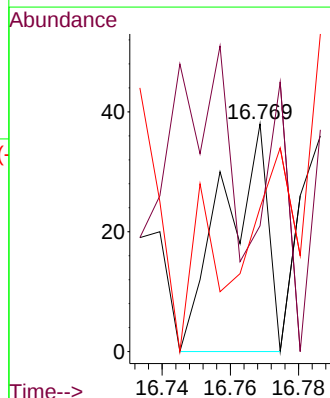
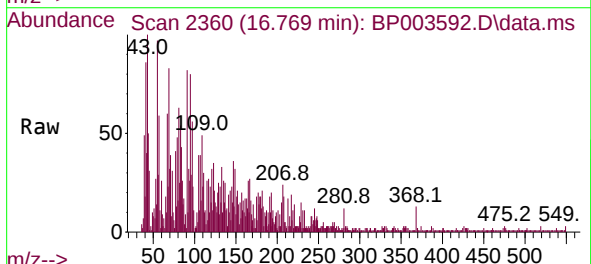
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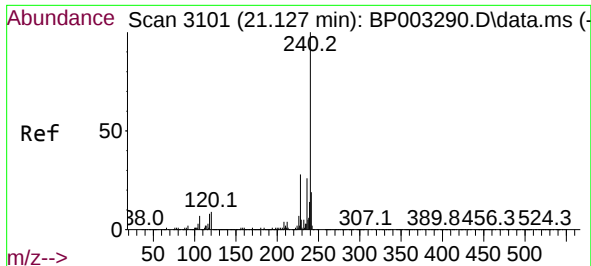
Tgt Ion:	188	Resp:	221084
Ion Ratio	Lower	Upper	
188	100		
94	6.5	6.2	9.2
80	6.8	6.2	9.2



#70
Pentachlorophenol
Concen: 6.79 ng
RT: 16.769 min Scan# 2360
Delta R.T. 0.188 min
Lab File: BP003592.D
Acq: 09 Oct 2020 14:23

Tgt Ion:	266	Resp:	35
Ion Ratio	Lower	Upper	
266	100		
268	55.3	51.1	76.7
264	63.2	50.6	76.0

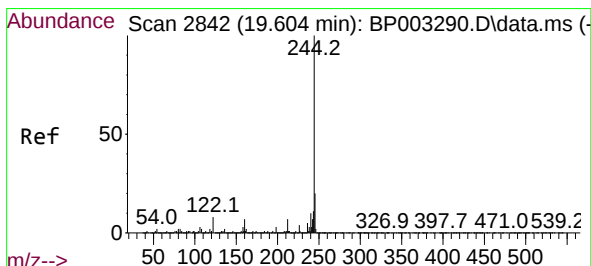
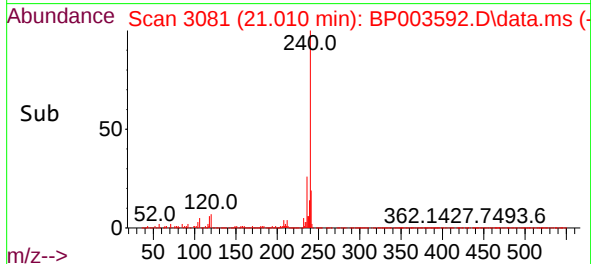
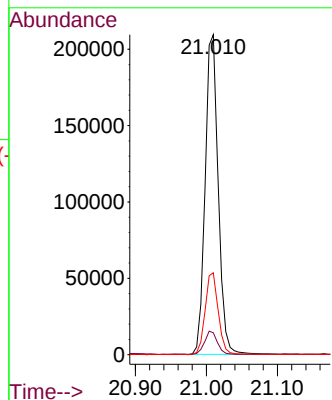
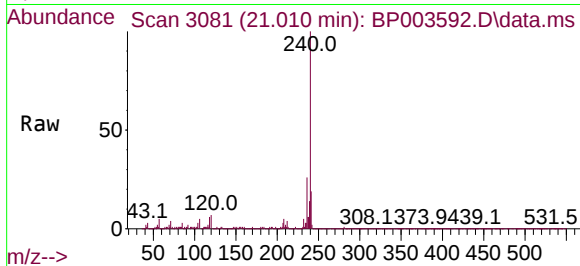




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.010 min Scan# 3081
Delta R.T. 0.000 min
Lab File: BP003592.D
Acq: 09 Oct 2020 14:23

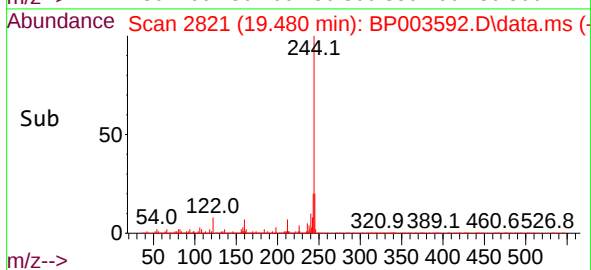
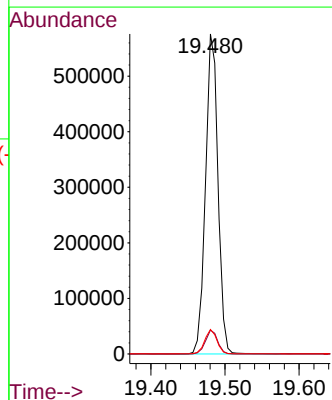
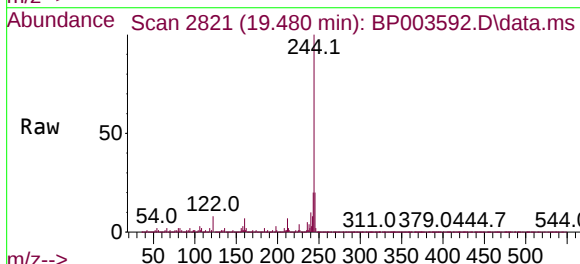
Instrument :
BNA_P
ClientSampleId :
11929

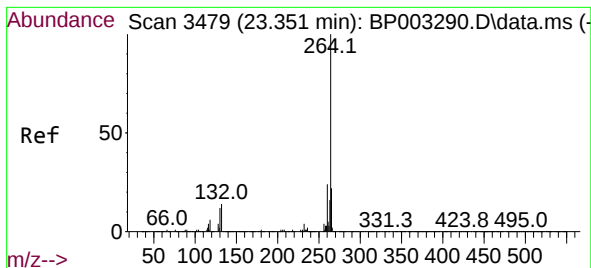
Tgt Ion:240 Resp: 268487
Ion Ratio Lower Upper
240 100
120 6.8 7.8 11.6#
236 25.6 20.8 31.2



#79
Terphenyl-d14
Concen: 52.26 ng
RT: 19.480 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BP003592.D
Acq: 09 Oct 2020 14:23

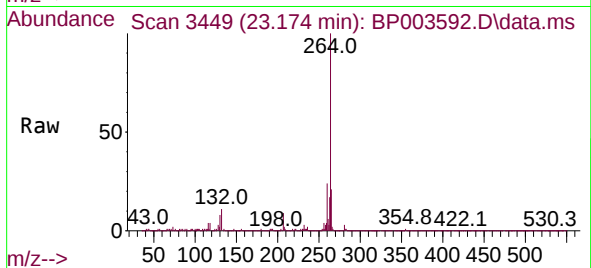
Tgt Ion:244 Resp: 673408
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 7.7 7.8 11.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.174 min Scan# 3449
Delta R.T. 0.000 min
Lab File: BP003592.D
Acq: 09 Oct 2020 14:23

Instrument :
BNA_P
ClientSampleId :
11929



Tgt Ion:264 Resp: 307868

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	21.4	17.4	26.2

