

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112120\
 Data File : BP004053.D
 Acq On : 21 Nov 2020 23:46
 Operator : CG/JU
 Sample : L4856-03 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BG-SED-2-RE

Manual Integrations
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mohammad
 11/24/2020 9:02:03 AM

Quant Time: Nov 23 05:02:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 23 03:48:44 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.269	152	108456	20.00	ng	-0.02
21) Naphthalene-d8	11.099	136	413815	20.00	ng	#-0.03
39) Acenaphthene-d10	14.887	164	254547	20.00	ng	-0.02
64) Phenanthrene-d10	17.622	188	529990	20.00	ng	-0.01
76) Chrysene-d12	21.657	240	488998	20.00	ng	0.00
86) Perylene-d12	24.127	264	534909	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	50977	7.84	ng	0.00
7) Phenol-d6	7.458	99	63835	6.84	ng	0.00
23) Nitrobenzene-d5	9.428	82	40178	4.76	ng	-0.03
42) 2,4,6-Tribromophenol	16.375	330	22479	7.06	ng	-0.01
45) 2-Fluorobiphenyl	13.510	172	82019	4.50	ng	-0.02
79) Terphenyl-d14	20.116	244	103369	4.08	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.663	178	291688	9.81	ng	100
75) Fluoranthene	19.598	202	729419	21.25	ng	99
78) Pyrene	19.945	202	593134	17.87	ng	97
80) Butylbenzylphthalate	20.763	149	32270	2.61	ng	# 74
81) Benzo(a)anthracene	21.639	228	273772	8.49	ng	97
83) Chrysene	21.692	228	331625m	10.70	ng	
87) Indeno(1,2,3-cd)pyrene	26.674	276	245820	6.37	ng	# 94
88) Benzo(b)fluoranthene	23.374	252	442178m	12.63	ng	
89) Benzo(k)fluoranthene	23.416	252	158792m	4.59	ng	
90) Benzo(a)pyrene	24.016	252	286838	8.85	ng	# 95
92) Benzo(g,h,i)perylene	27.462	276	294217	9.45	ng	# 95

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

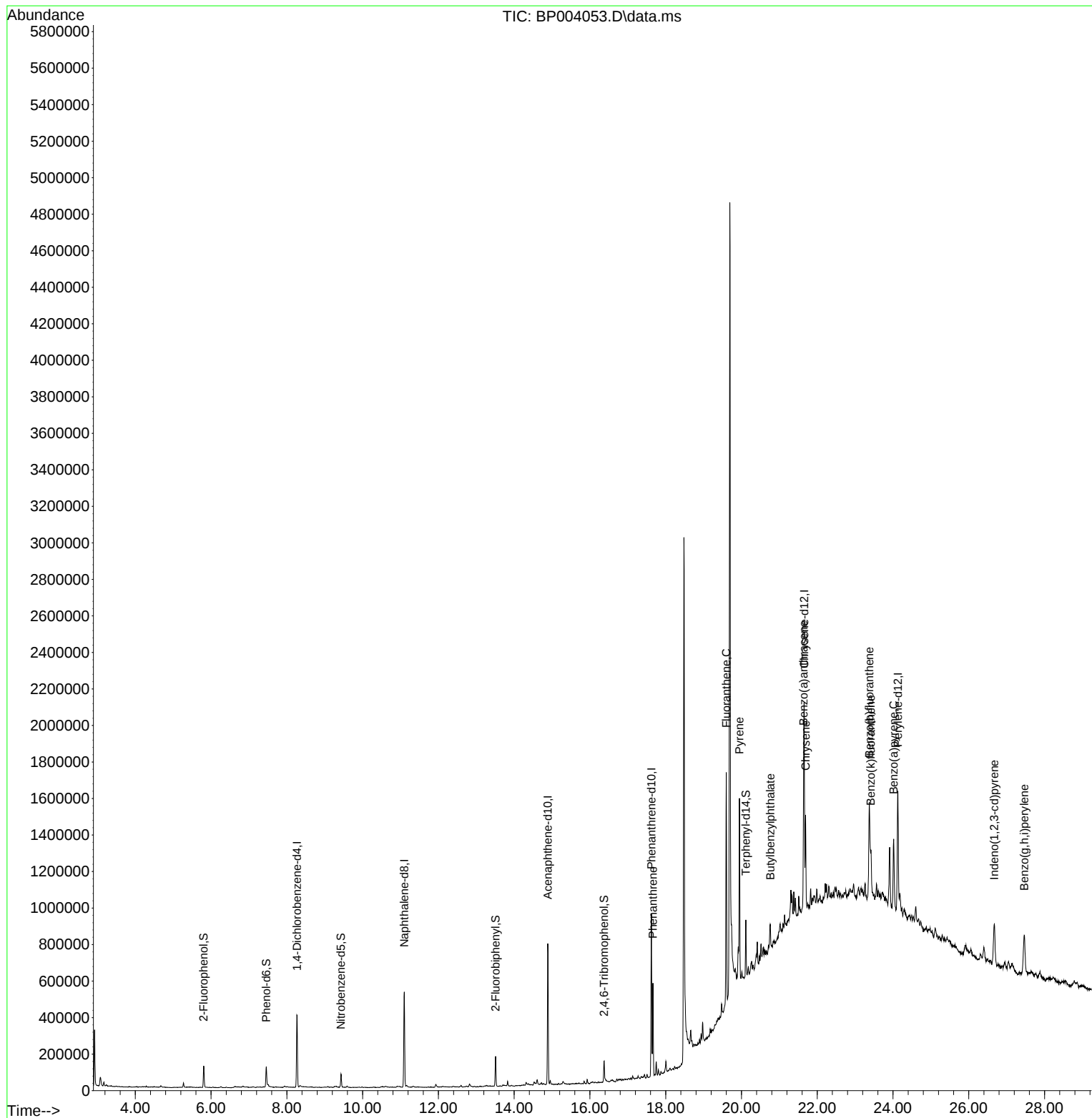
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112120\
Data File : BP004053.D
Acq On : 21 Nov 2020 23:46
Operator : CG/JU
Sample : L4856-03 10X
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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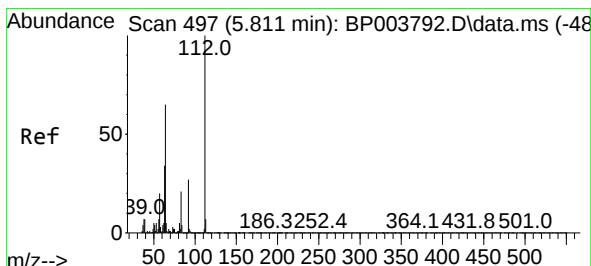
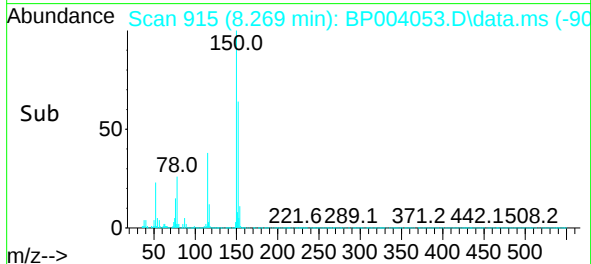
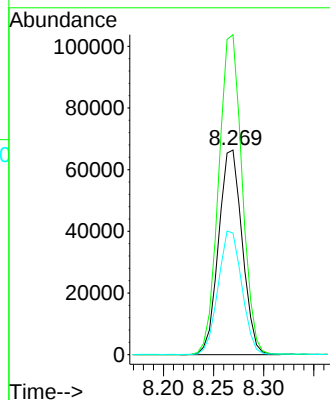
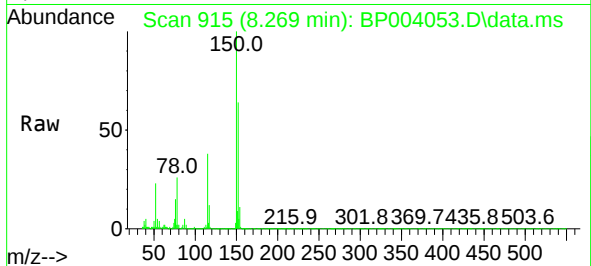
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.269 min Scan# 915
Delta R.T. -0.024 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46

Tgt Ion:152 Resp: 108456
Ion Ratio Lower Upper
152 100
150 156.4 123.8 185.6
115 59.4 43.8 65.6

Instrument :
BNA_P
ClientSampleId :
BG-SED-2-RE

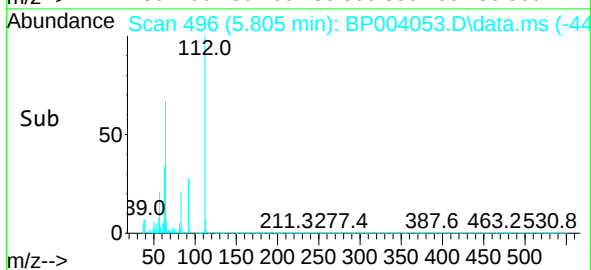
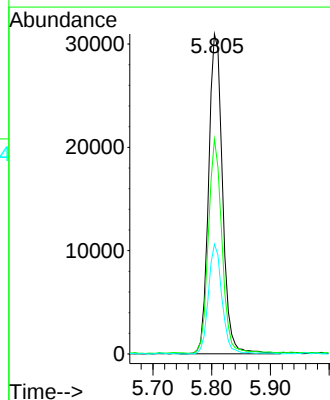
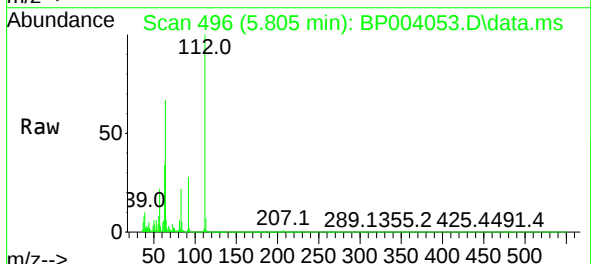
Manual Integrations
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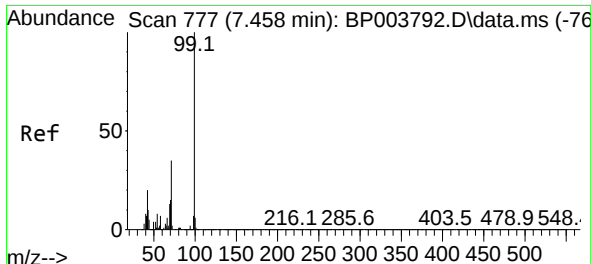
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#5
2-Fluorophenol
Concen: 7.84 ng
RT: 5.805 min Scan# 496
Delta R.T. -0.006 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46

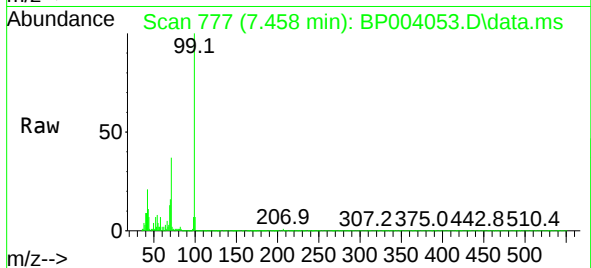
Tgt Ion:112 Resp: 50977
Ion Ratio Lower Upper
112 100
64 67.1 32.8 49.2#
63 34.3 17.0 25.4#





#7
Phenol-d6
Concen: 6.84 ng
RT: 7.458 min Scan# 777
Delta R.T. -0.000 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46

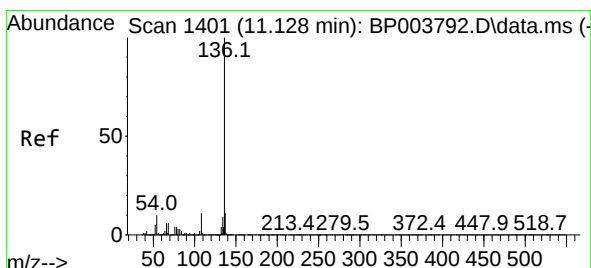
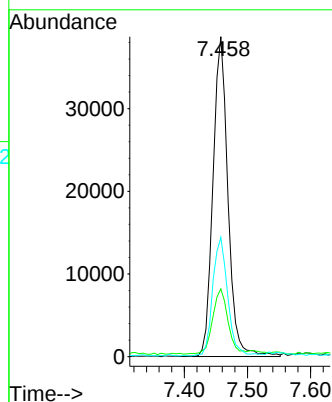
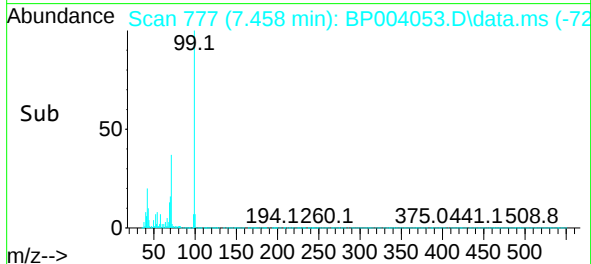
Instrument :
BNA_P
ClientSampleId :
BG-SED-2-RE



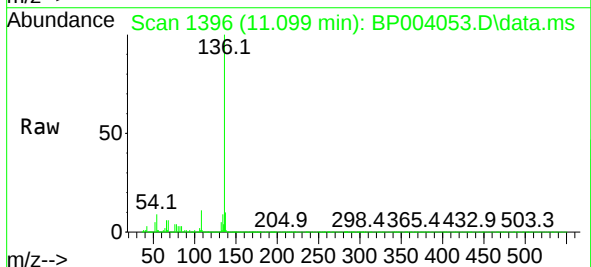
Tgt Ion: 99 Resp: 63835
Ion Ratio Lower Upper
99 100
42 21.2 8.6 13.0#
71 37.3 23.4 35.2#

Manual Integrations
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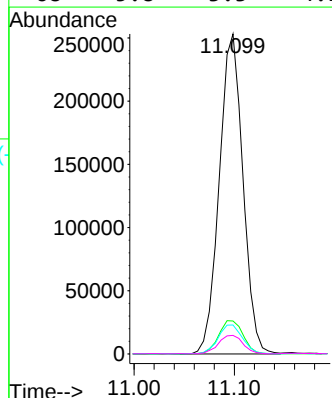
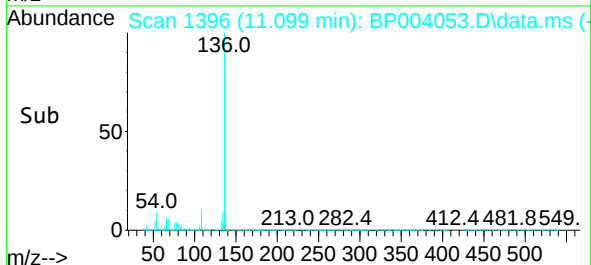
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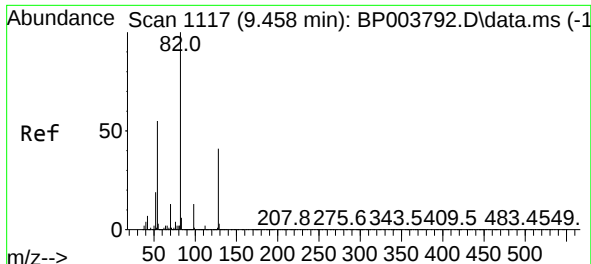


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.099 min Scan# 1396
Delta R.T. -0.029 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46



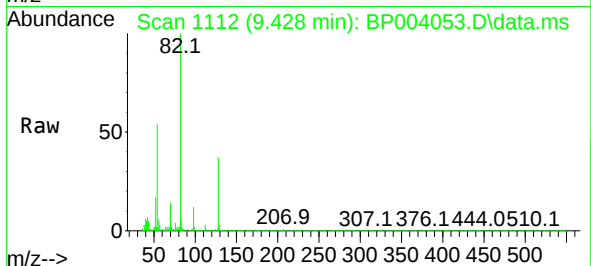
Tgt Ion: 136 Resp: 413815
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 9.0 3.6 5.4#
68 5.8 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 4.76 ng
RT: 9.428 min Scan# 1112
Delta R.T. -0.029 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46

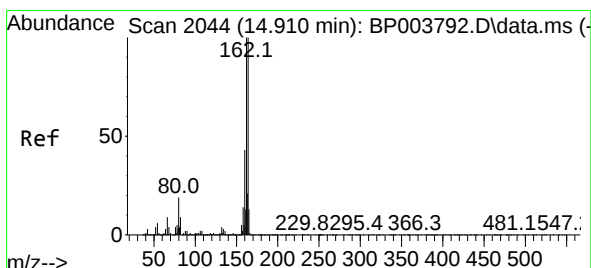
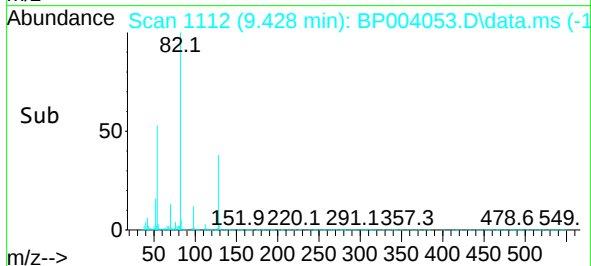
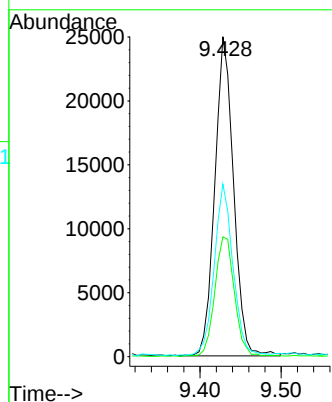
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 82 Resp: 40178
Ion Ratio Lower Upper
82 100
128 37.4 45.6 68.4#
54 54.0 30.1 45.1#

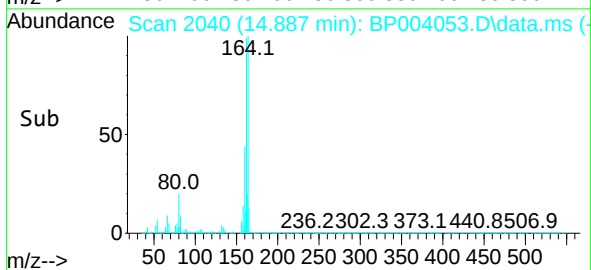
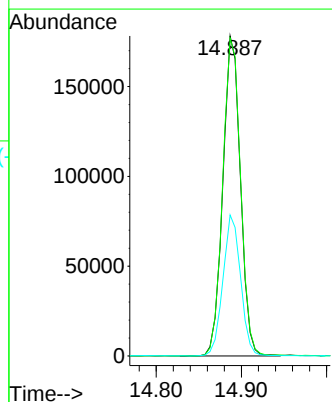
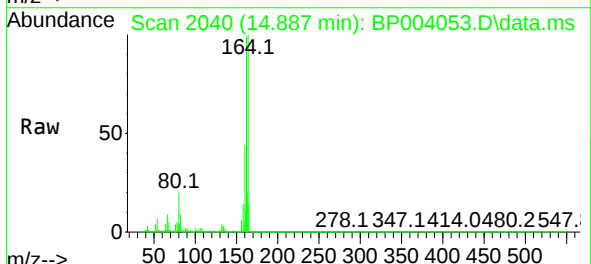
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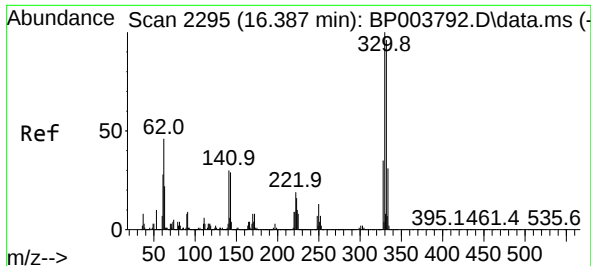
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.887 min Scan# 2040
Delta R.T. -0.024 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46

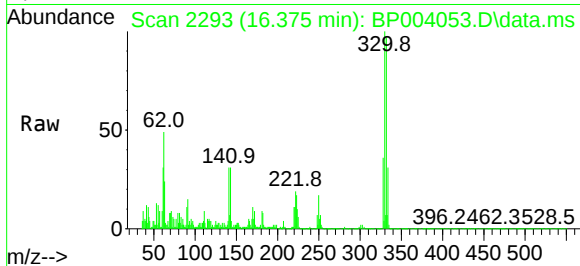
Tgt Ion: 164 Resp: 254547
Ion Ratio Lower Upper
164 100
162 99.4 79.4 119.2
160 44.1 36.1 54.1





#42
2,4,6-Tribromophenol
Concen: 7.06 ng
RT: 16.375 min Scan# 2293
Delta R.T. -0.012 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46

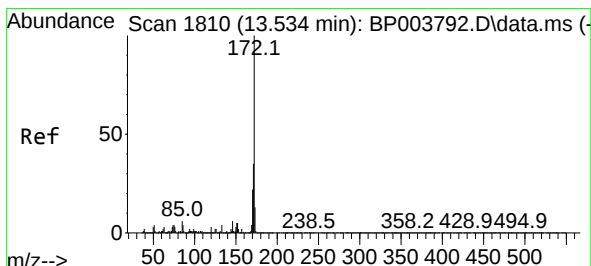
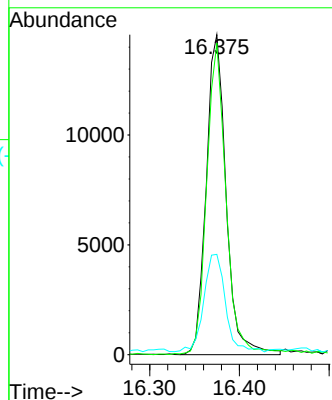
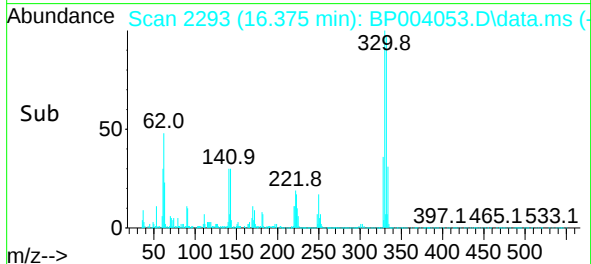
Instrument :
BNA_P
ClientSampleId :
BG-SED-2-RE



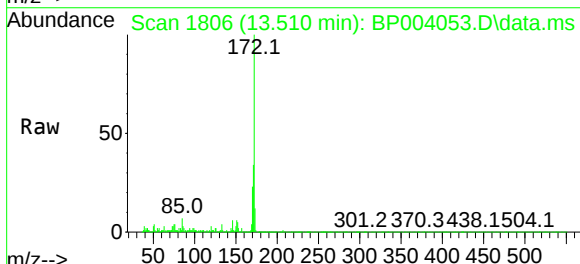
Tgt Ion: 330 Resp: 22479
Ion Ratio Lower Upper
330 100
332 95.2 77.1 115.7
141 32.8 23.4 35.2

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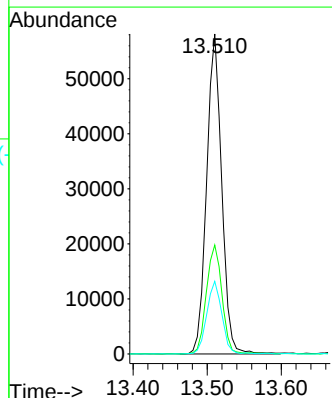
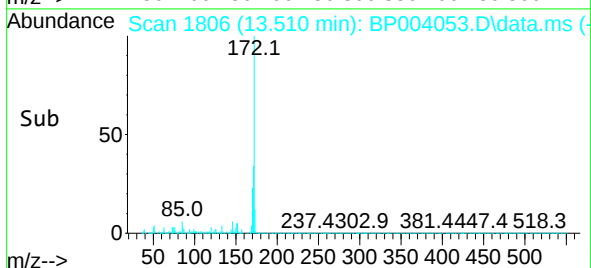
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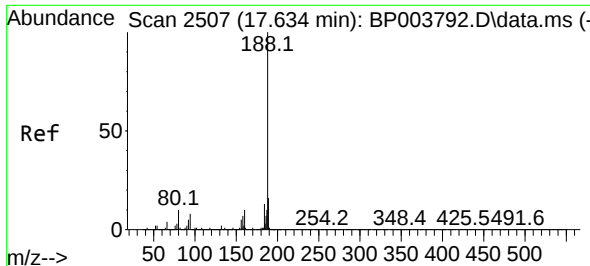


#45
2-Fluorobiphenyl
Concen: 4.50 ng
RT: 13.510 min Scan# 1806
Delta R.T. -0.024 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46



Tgt Ion: 172 Resp: 82019
Ion Ratio Lower Upper
172 100
171 34.0 28.5 42.7
170 22.7 19.2 28.8





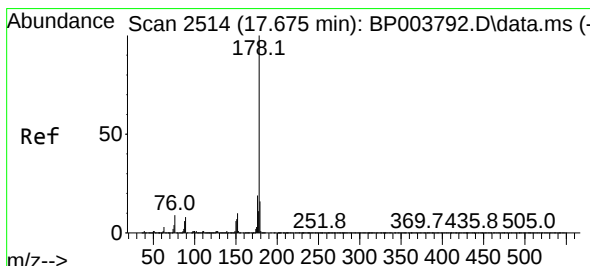
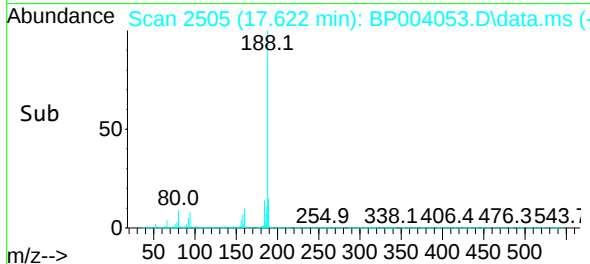
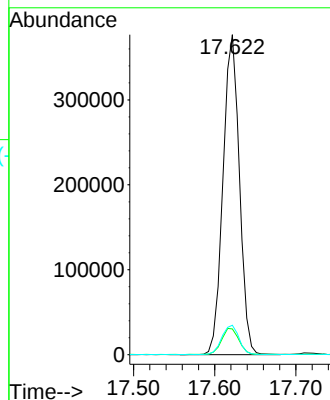
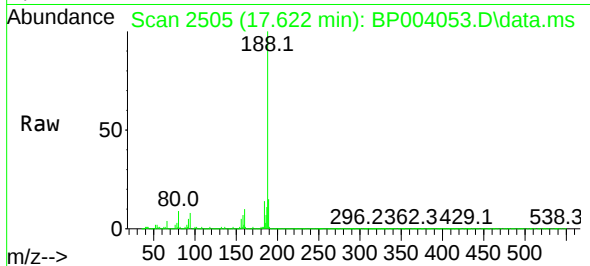
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.622 min Scan# 2505
Delta R.T. -0.012 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46

Tgt Ion:188 Resp: 529990
Ion Ratio Lower Upper
188 100
94 8.0 6.2 9.2
80 9.2 6.2 9.2

Instrument :
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BG-SED-2-RE

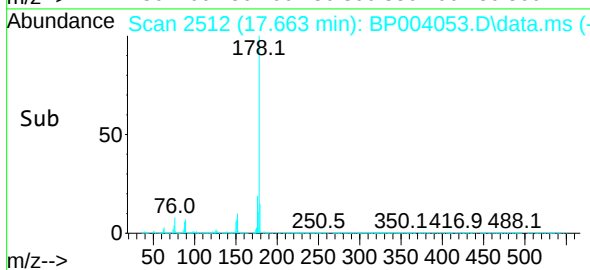
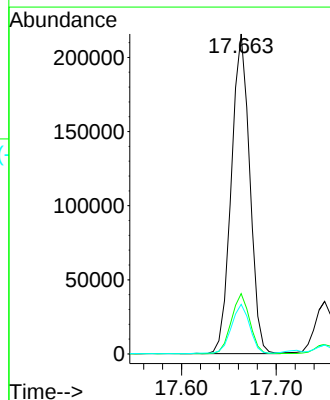
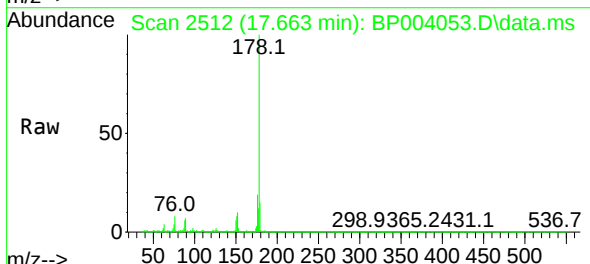
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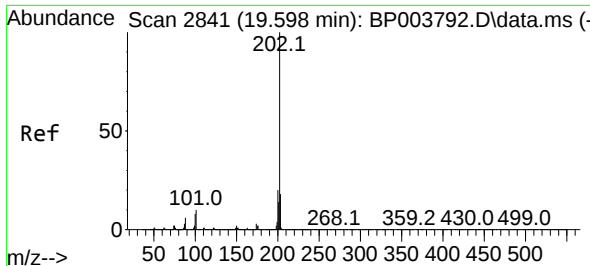
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#71
Phenanthrene
Concen: 9.81 ng
RT: 17.663 min Scan# 2512
Delta R.T. -0.012 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46

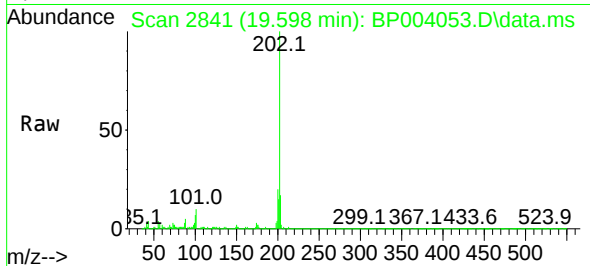
Tgt Ion:178 Resp: 291688
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.5 12.5 18.7





#75
Fluoranthene
Concen: 21.25 ng
RT: 19.598 min Scan# 2841
Delta R.T. -0.000 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46

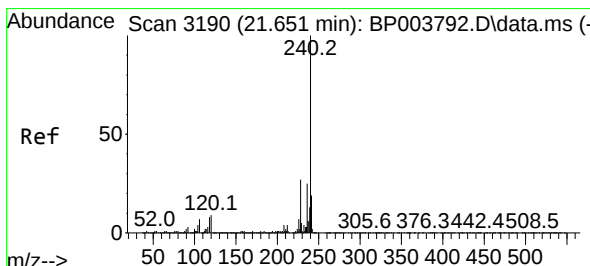
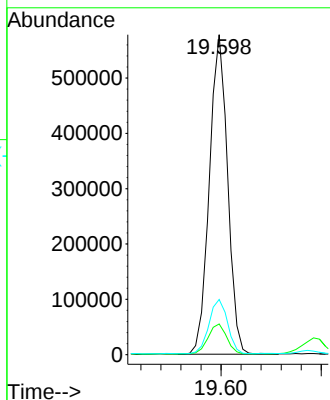
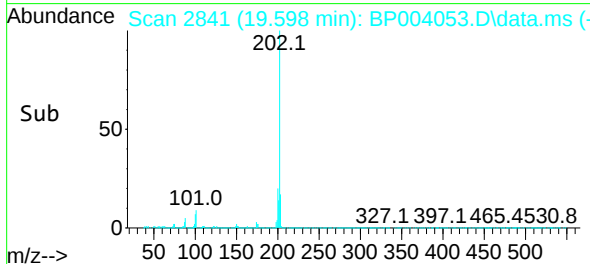
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ClientSampleId :
BG-SED-2-RE



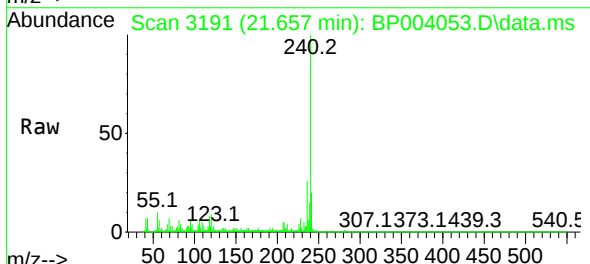
Tgt Ion:202 Resp: 729419
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.4
203 17.2 0.0 37.8

Manual Integrations
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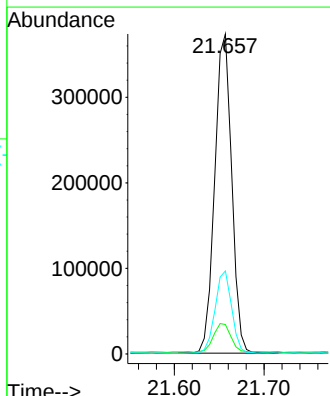
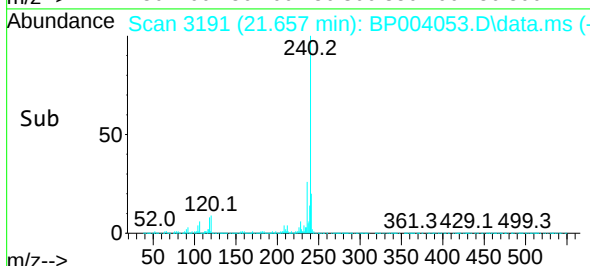
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11/24/2020 9:02:03 AM

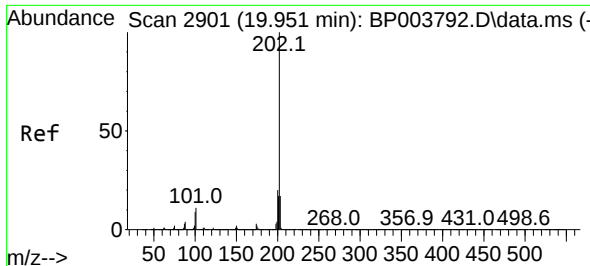


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.657 min Scan# 3191
Delta R.T. 0.006 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46



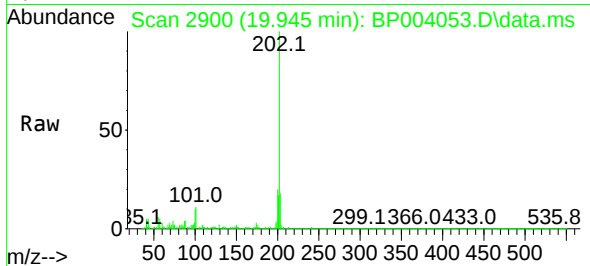
Tgt Ion:240 Resp: 488998
Ion Ratio Lower Upper
240 100
120 9.2 7.8 11.6
236 26.0 20.8 31.2





#78
Pyrene
Concen: 17.87 ng
RT: 19.945 min Scan# 2900
Delta R.T. -0.006 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46

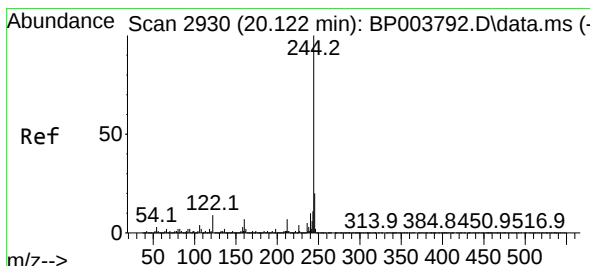
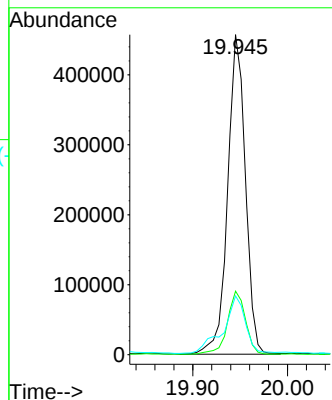
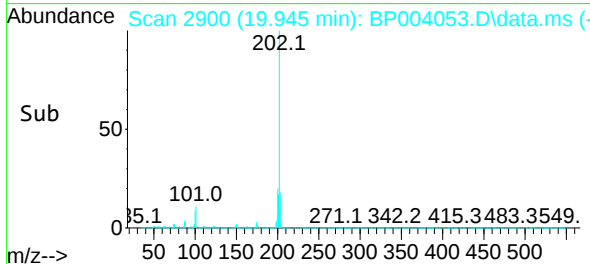
Instrument :
BNA_P
ClientSampled :
BG-SED-2-RE



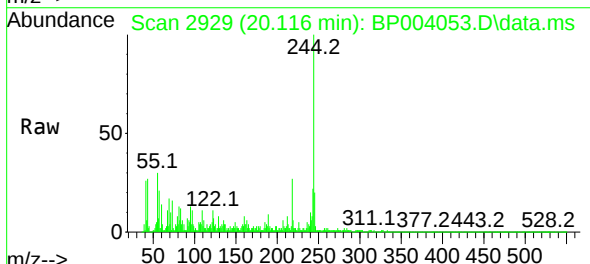
Tgt Ion:202 Resp: 593134
Ion Ratio Lower Upper
202 100
200 19.8 17.1 25.7
203 18.4 14.2 21.2

Manual Integrations
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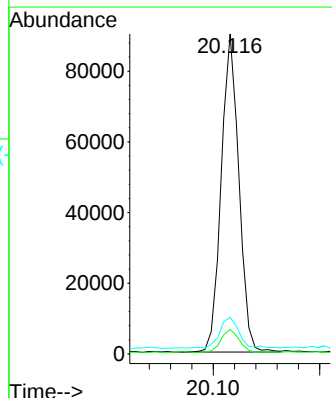
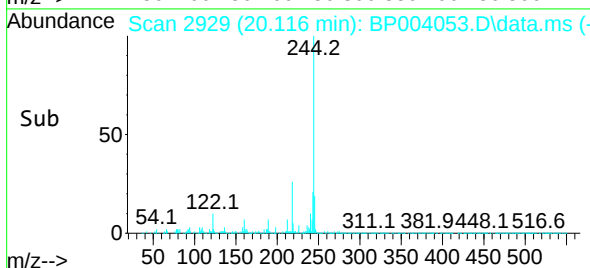
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11/24/2020 9:02:03 AM

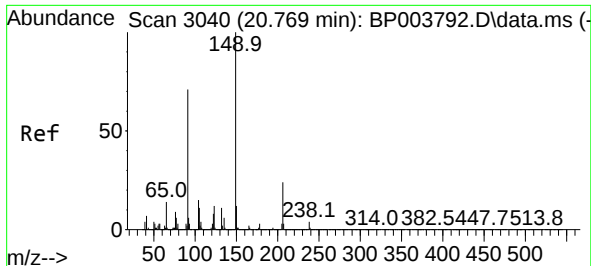


#79
Terphenyl-d14
Concen: 4.08 ng
RT: 20.116 min Scan# 2929
Delta R.T. -0.006 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46



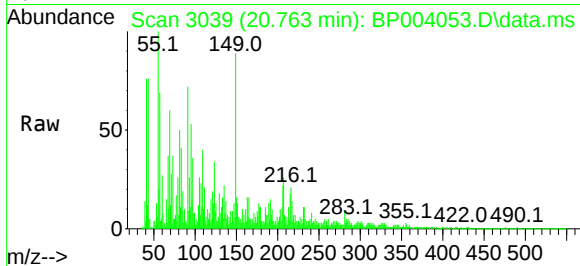
Tgt Ion:244 Resp: 103369
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.6
122 11.5 7.8 11.8





#80
Butylbenzylphthalate
Concen: 2.61 ng
RT: 20.763 min Scan# 3039
Delta R.T. -0.006 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46

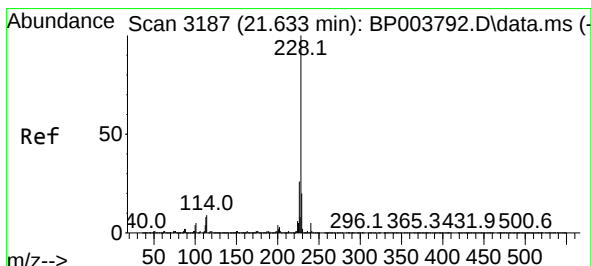
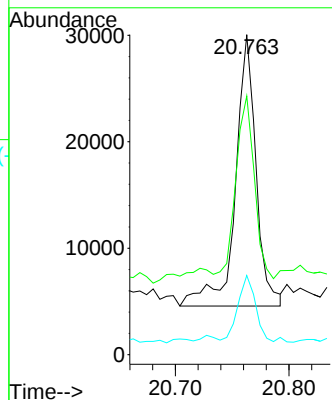
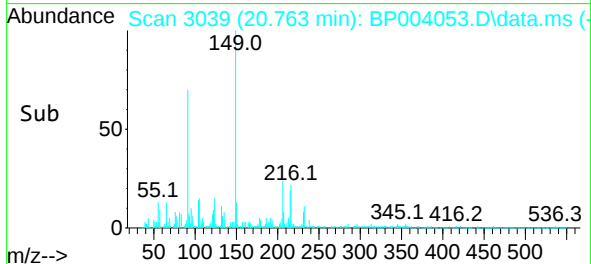
Instrument :
BNA_P
ClientSampleId :
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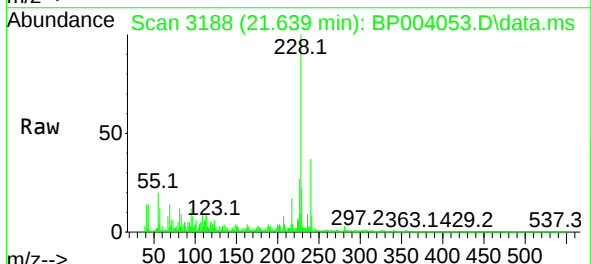
Tgt Ion:149 Resp: 32270
Ion Ratio Lower Upper
149 100
91 80.9 45.4 68.0#
206 24.7 17.1 25.7

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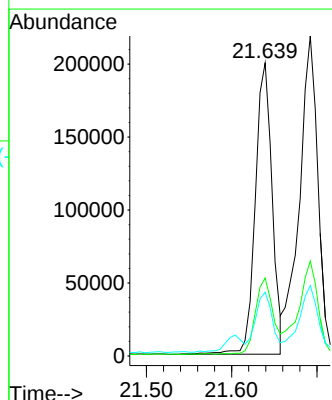
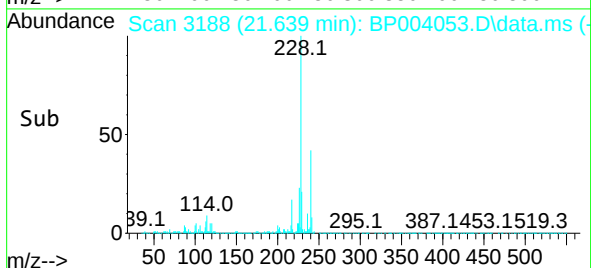
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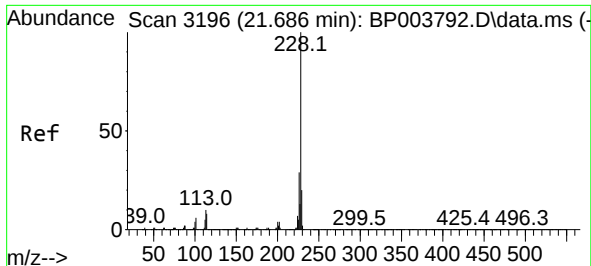


#81
Benzo(a)anthracene
Concen: 8.49 ng
RT: 21.639 min Scan# 3188
Delta R.T. 0.006 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46



Tgt Ion:228 Resp: 273772
Ion Ratio Lower Upper
228 100
226 26.6 22.1 33.1
229 21.7 15.9 23.9





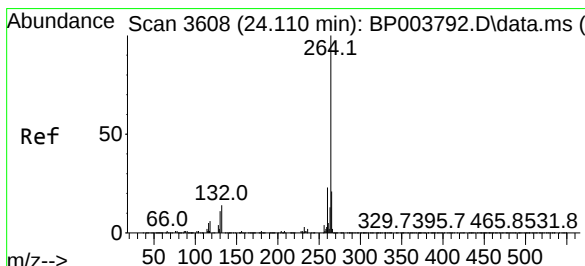
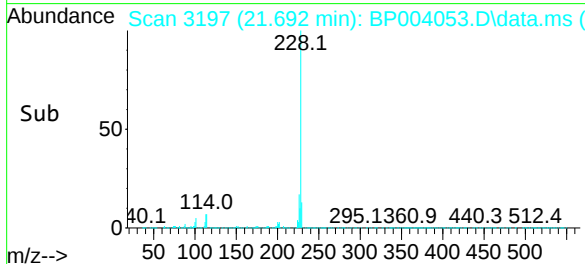
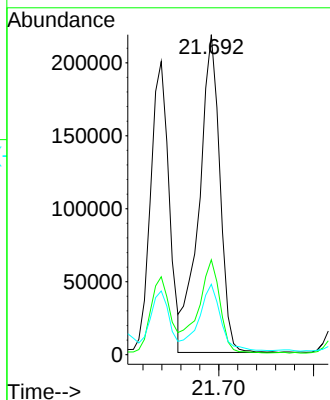
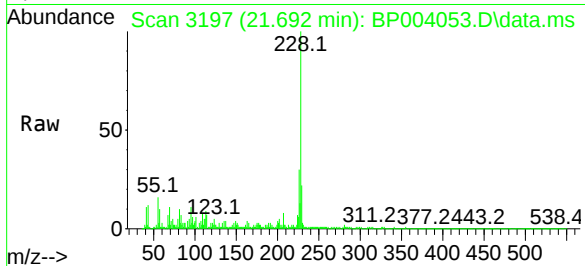
#83
Chrysene
Concen: 10.70 ng m
RT: 21.692 min Scan# 3197
Delta R.T. 0.006 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46

Tgt Ion: 228 Resp: 331625
Ion Ratio Lower Upper
228 100
226 29.6 24.4 36.6
229 22.0 15.8 23.6

Instrument :
BNA_P
ClientSampleId :
BG-SED-2-RE

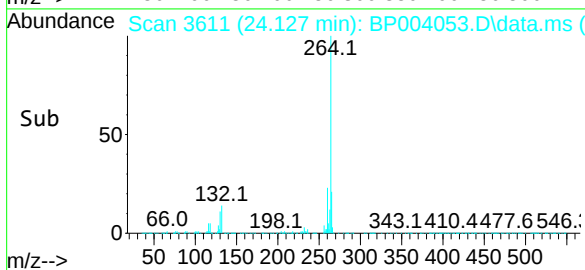
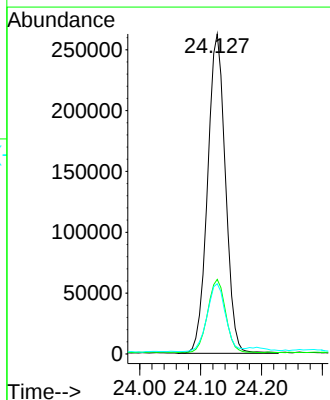
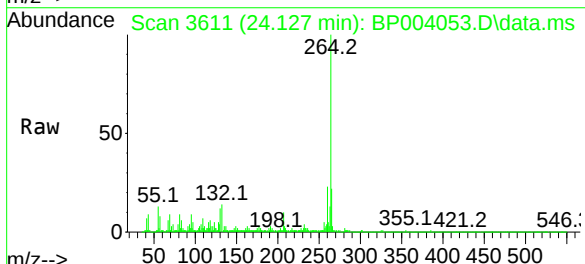
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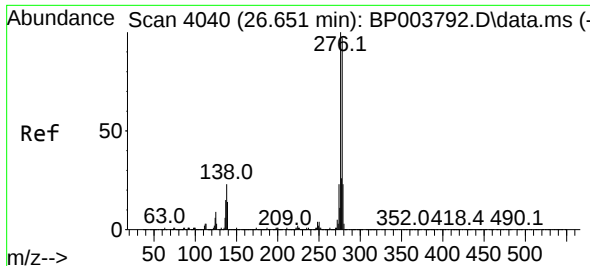
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#86
Perylene-d12
Concen: 20.00 ng
RT: 24.127 min Scan# 3611
Delta R.T. 0.018 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46

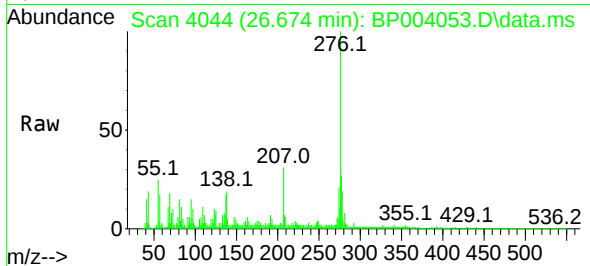
Tgt Ion: 264 Resp: 534909
Ion Ratio Lower Upper
264 100
260 23.3 18.8 28.2
265 21.9 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 6.37 ng
RT: 26.674 min Scan# 4044
Delta R.T. 0.023 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46

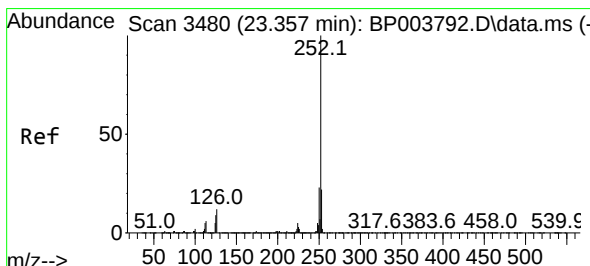
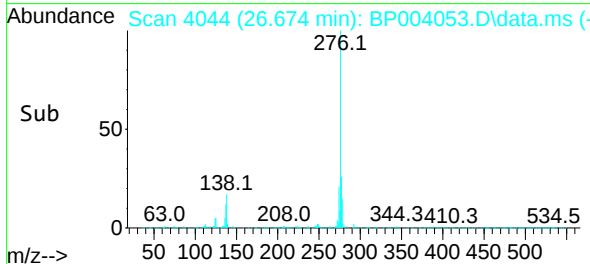
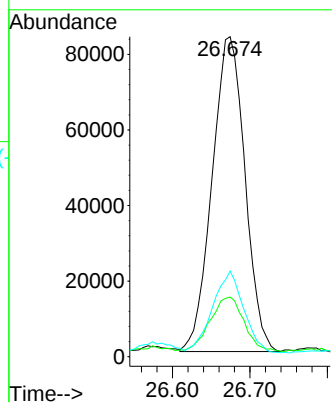
Instrument :
BNA_P
ClientSampleId :
BG-SED-2-RE



Tgt Ion: 276 Resp: 245820
Ion Ratio Lower Upper
276 100
138 17.8 18.7 28.1#
277 24.9 20.4 30.6

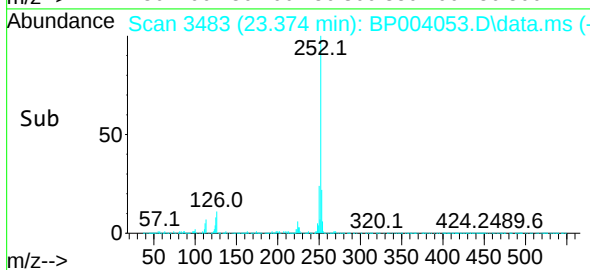
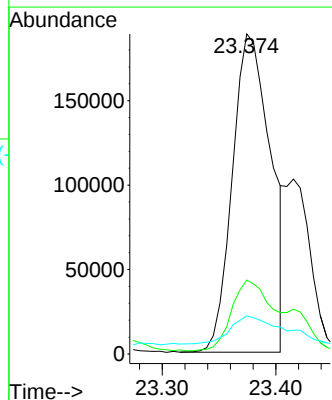
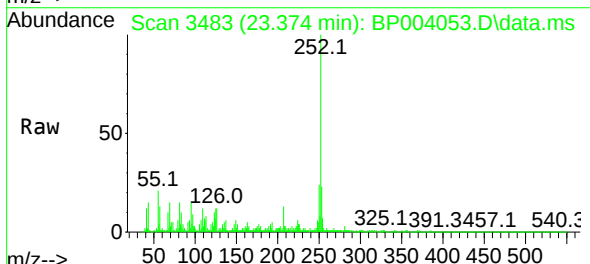
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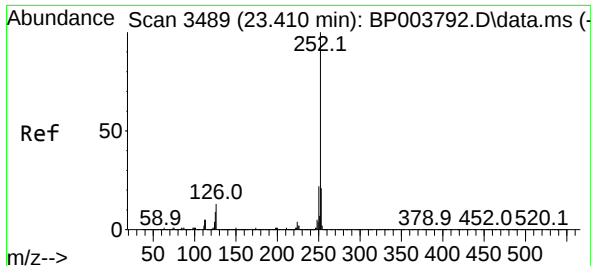
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#88
Benzo(b)fluoranthene
Concen: 12.63 ng m
RT: 23.374 min Scan# 3483
Delta R.T. 0.018 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46

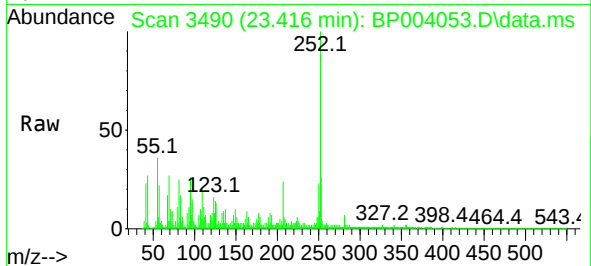
Tgt Ion: 252 Resp: 442178
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 11.9 7.3 10.9#





#89
Benzo(k)fluoranthene
Concen: 4.59 ng m
RT: 23.416 min Scan# 3490
Delta R.T. 0.006 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46

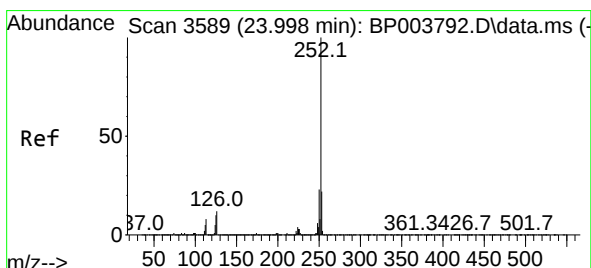
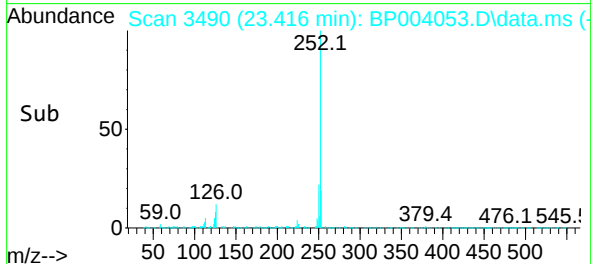
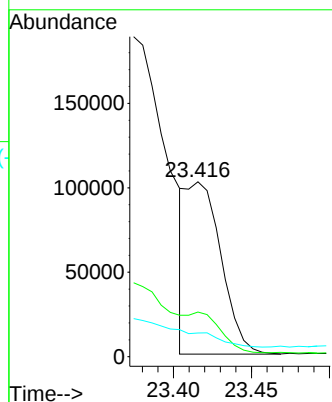
Instrument :
BNA_P
ClientSampleId :
BG-SED-2-RE



Tgt Ion:252 Resp: 158792
Ion Ratio Lower Upper
252 100
253 25.5 17.8 26.8
125 13.6 7.4 11.2#

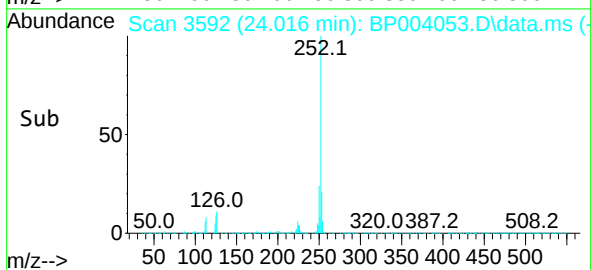
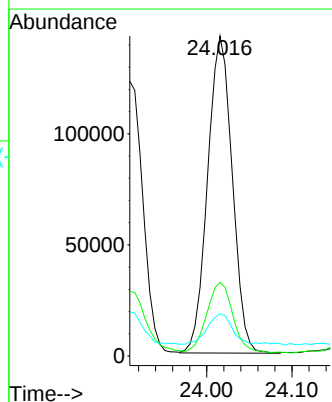
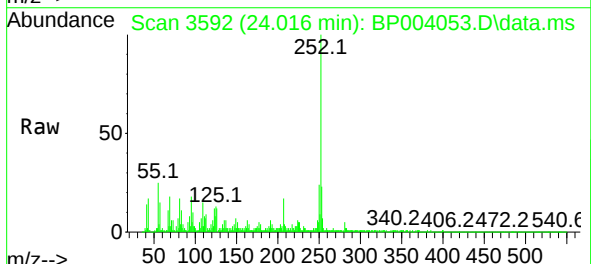
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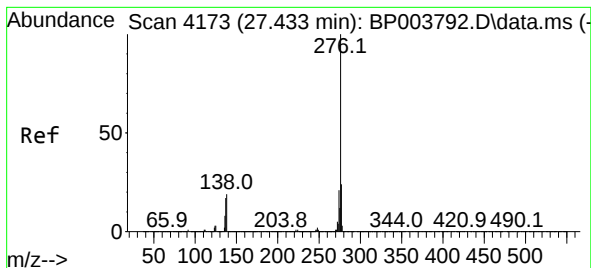
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#90
Benzo(a)pyrene
Concen: 8.85 ng
RT: 24.016 min Scan# 3592
Delta R.T. 0.018 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46

Tgt Ion:252 Resp: 286838
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.0
125 13.3 8.2 12.4#





#92

Benzo(g,h,i)perylene

Concen: 9.45 ng

RT: 27.462 min Scan# 4178

Delta R.T. 0.029 min

Lab File: BP004053.D

Acq: 21 Nov 2020 23:46

Tgt Ion: 276 Resp: 294217

Ion Ratio Lower Upper

276 100

277 24.2 19.0 28.6

138 16.3 16.6 24.8#

Instrument :

BNA_P

ClientSampleId :

BG-SED-2-RE

Manual Integrations

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