

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112120\
 Data File : BP004051.D
 Acq On : 21 Nov 2020 22:38
 Operator : CG/JU
 Sample : L4856-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OUTFALL-SED-RE

Manual Integrations
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mohammad
 11/24/2020 9:02:00 AM

Quant Time: Nov 23 05:02:29 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	8.263	152	102642	20.00	ng	-0.03
21) Naphthalene-d8	11.093	136	393600	20.00	ng	#-0.04
39) Acenaphthene-d10	14.887	164	244167	20.00	ng	-0.02
64) Phenanthrene-d10	17.622	188	500912	20.00	ng	-0.01
76) Chrysene-d12	21.651	240	463089	20.00	ng	0.00
86) Perylene-d12	24.121	264	494168	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	585725	95.24	ng	0.00
7) Phenol-d6	7.452	99	746080	84.51	ng	0.00
23) Nitrobenzene-d5	9.428	82	467202	58.13	ng	-0.03
42) 2,4,6-Tribromophenol	16.375	330	262841	86.07	ng	-0.01
45) 2-Fluorobiphenyl	13.510	172	953766	54.61	ng	-0.02
79) Terphenyl-d14	20.116	244	1114869	46.51	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.481	94	26648	3.13	ng	76
50) Dimethylphthalate	14.310	163	45097	2.36	ng	100
71) Phenanthrene	17.657	178	195742	6.96	ng	98
75) Fluoranthene	19.598	202	389059	11.99	ng	99
78) Pyrene	19.945	202	307302	9.78	ng	98
81) Benzo(a)anthracene	21.633	228	131974	4.32	ng	98
83) Chrysene	21.692	228	158551	5.40	ng	96
88) Benzo(b)fluoranthene	23.368	252	212026m	6.56	ng	
90) Benzo(a)pyrene	24.010	252	125895	4.21	ng	97
92) Benzo(g,h,i)perylene	27.451	276	97555	3.39	ng	98

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

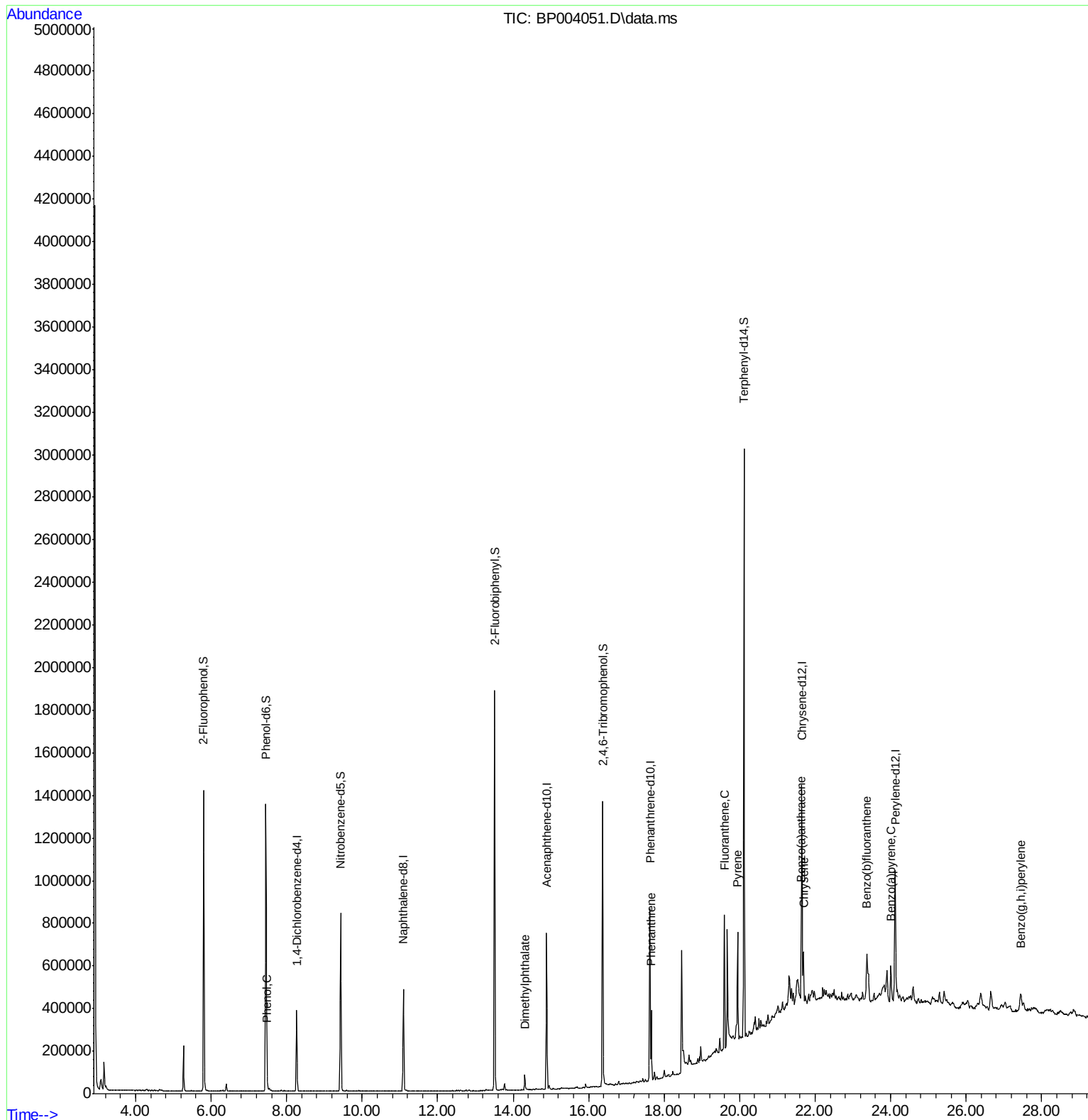
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112120\
Data File : BP004051.D
Acq On : 21 Nov 2020 22:38
Operator : CG/JU
Sample : L4856-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

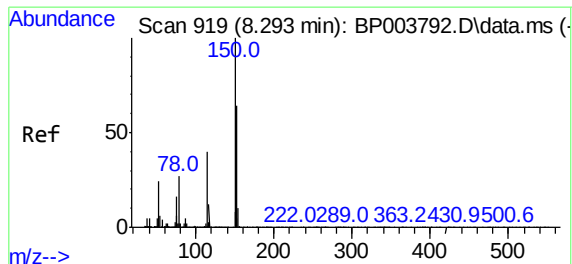
Instrument :
BNA_P
ClientSampleId :
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Quant Time: Nov 23 05:02:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 03:48:44 2020
Response via : Initial Calibration



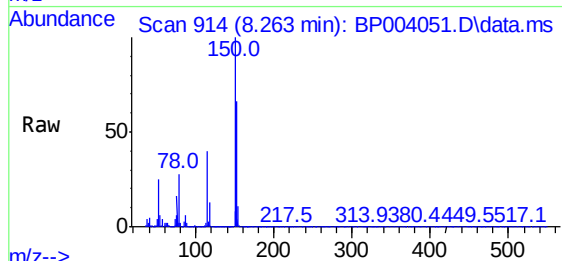


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.263 min Scan# 914
Delta R.T. -0.030 min
Lab File: BP004051.D
Acq: 21 Nov 2020 22:38

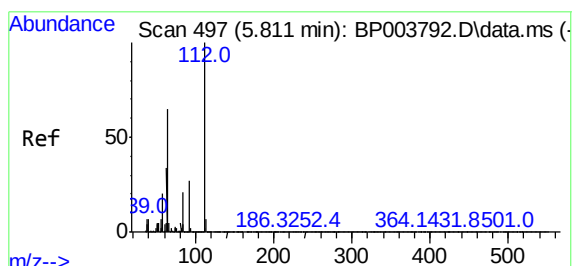
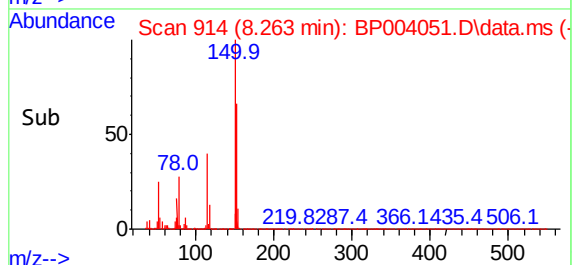
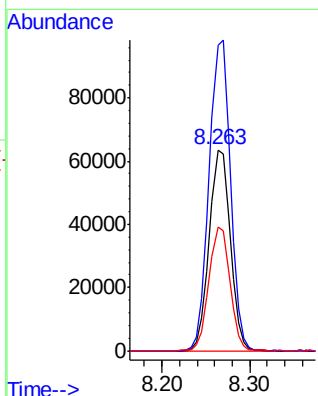
Instrument :
BNA_P
ClientSampleId :
OUTFALL-SED-RE

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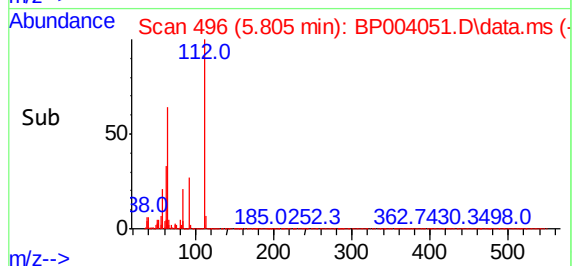
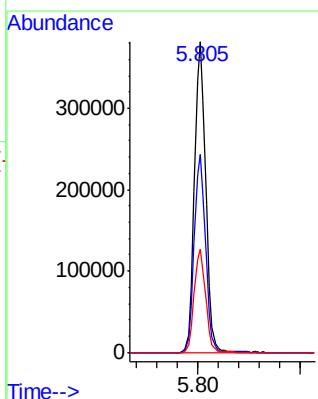
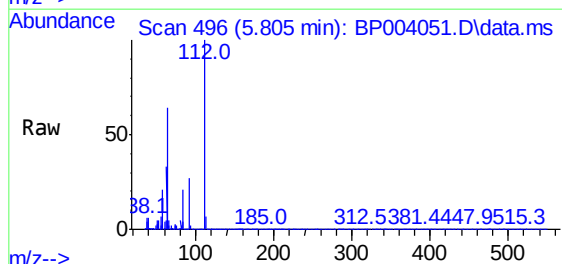


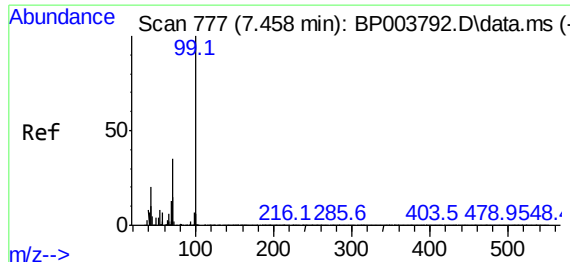
Tgt Ion:152 Resp: 102642
Ion Ratio Lower Upper
152 100
150 151.8 123.8 185.6
115 61.4 43.8 65.6



#5
2-Fluorophenol
Concen: 95.24 ng
RT: 5.805 min Scan# 496
Delta R.T. -0.006 min
Lab File: BP004051.D
Acq: 21 Nov 2020 22:38

Tgt Ion:112 Resp: 585725
Ion Ratio Lower Upper
112 100
64 63.8 32.8 49.2#
63 33.4 17.0 25.4#





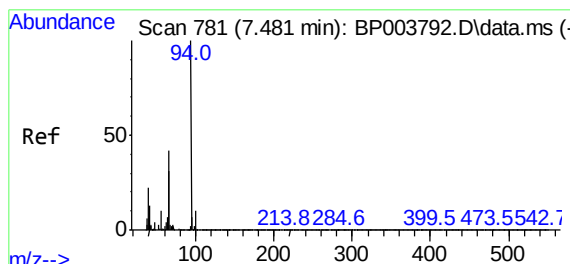
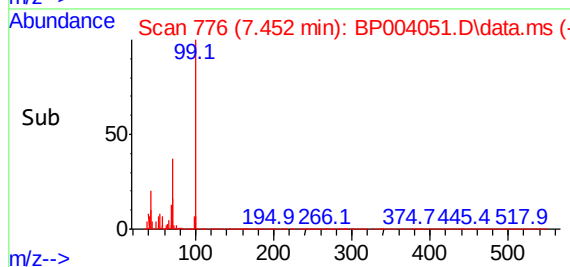
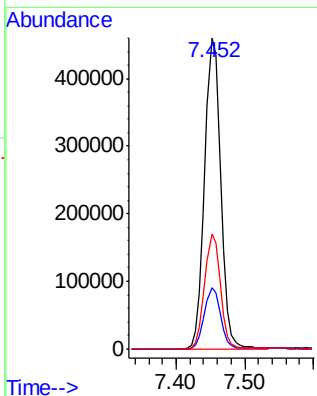
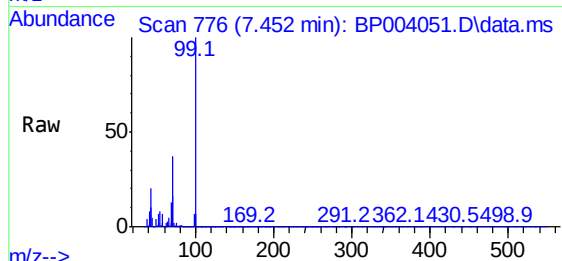
#7
Phenol-d6
Concen: 84.51 ng
RT: 7.452 min Scan# 776
Delta R.T. -0.006 min
Lab File: BP004051.D
Acq: 21 Nov 2020 22:38

Tgt Ion: 99 Resp: 746080
Ion Ratio Lower Upper
99 100
42 19.6 8.6 13.0#
71 37.0 23.4 35.2#

Instrument :
BNA_P
ClientSampleId :
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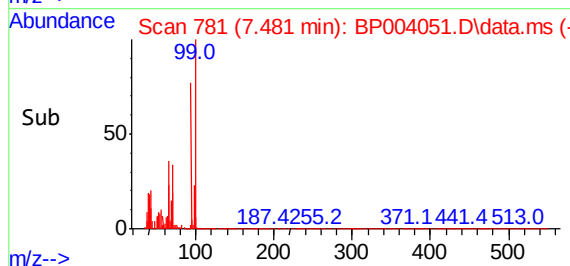
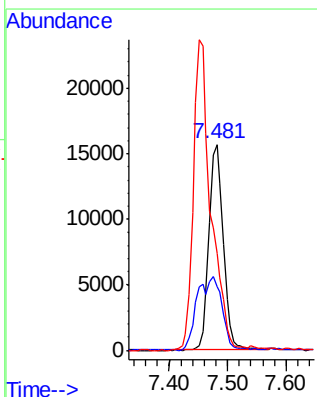
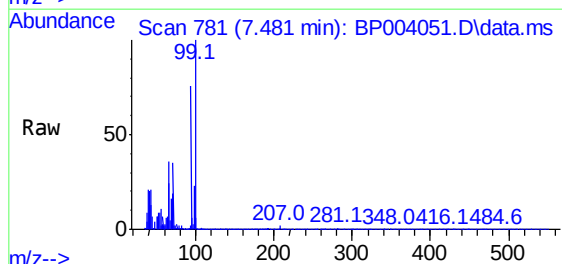
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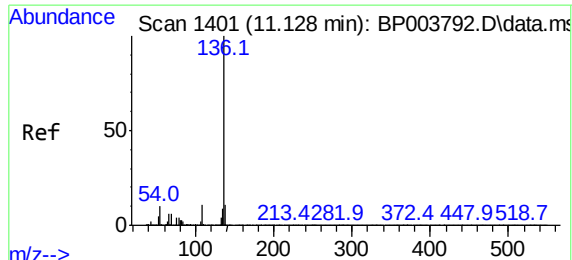
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#10
Phenol
Concen: 3.13 ng
RT: 7.481 min Scan# 781
Delta R.T. -0.000 min
Lab File: BP004051.D
Acq: 21 Nov 2020 22:38

Tgt Ion: 94 Resp: 26648
Ion Ratio Lower Upper
94 100
65 31.1 2.3 42.3
66 46.8 10.9 50.9





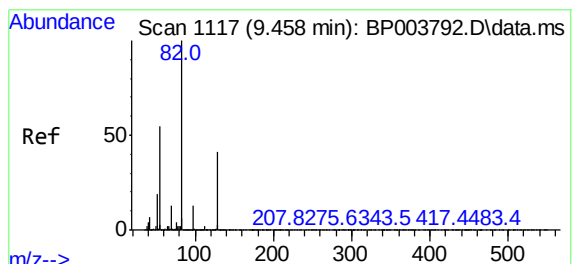
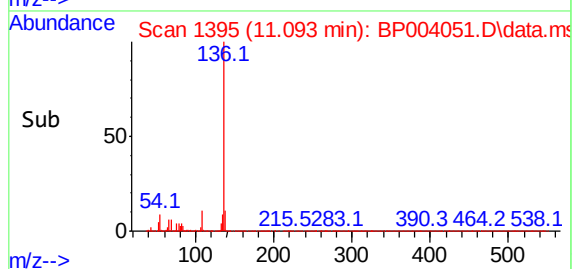
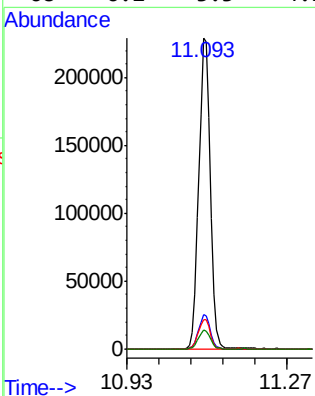
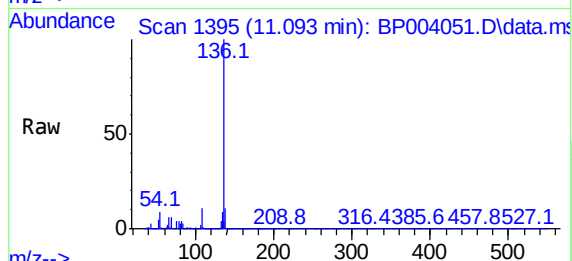
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.093 min Scan# 1395
Delta R.T. -0.035 min
Lab File: BP004051.D
Acq: 21 Nov 2020 22:38

Tgt Ion:	136	Resp:	393600
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.6	13.0
54	9.5	3.6	5.4#
68	6.2	3.3	4.9#

Instrument :
BNA_P
ClientSampleId :
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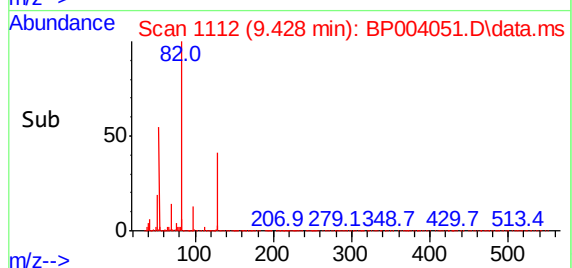
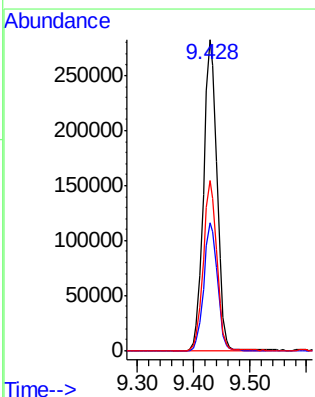
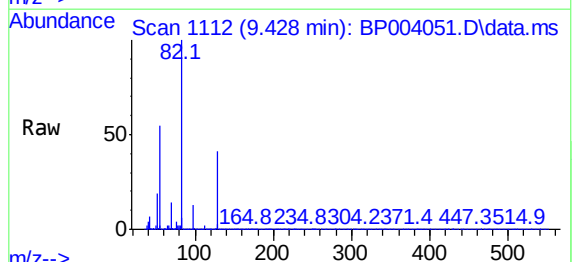
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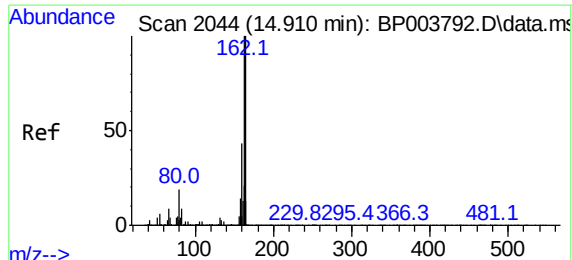
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#23
Nitrobenzene-d5
Concen: 58.13 ng
RT: 9.428 min Scan# 1112
Delta R.T. -0.030 min
Lab File: BP004051.D
Acq: 21 Nov 2020 22:38

Tgt Ion:	82	Resp:	467202
Ion Ratio	Lower	Upper	
82	100		
128	40.9	45.6	68.4#
54	54.7	30.1	45.1#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.887 min Scan# 2040

Delta R.T. -0.024 min

Lab File: BP004051.D

Acq: 21 Nov 2020 22:38

Tgt Ion:164 Resp: 244167

Ion Ratio Lower Upper

164 100

162 102.1 79.4 119.2

160 44.1 36.1 54.1

Instrument :

BNA_P

ClientSampleId :

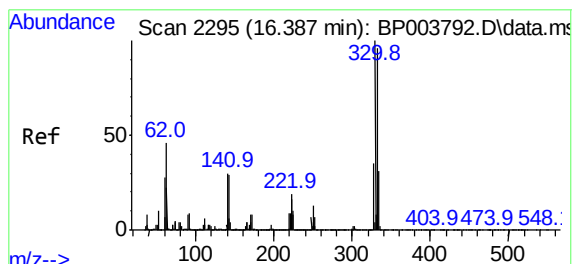
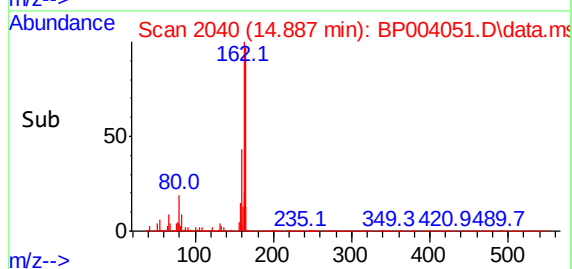
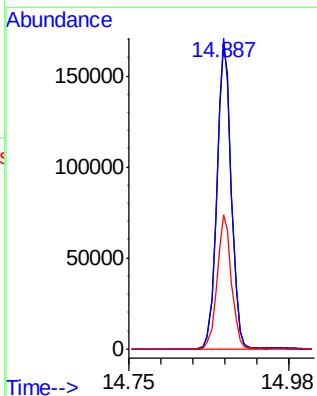
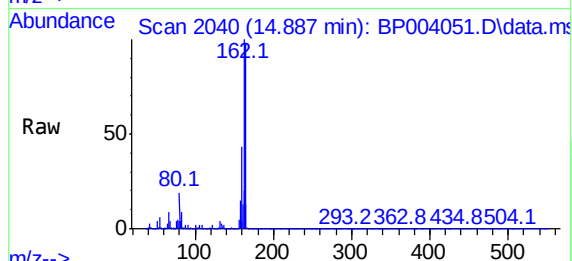
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#42

2,4,6-Tribromophenol

Concen: 86.07 ng

RT: 16.375 min Scan# 2293

Delta R.T. -0.012 min

Lab File: BP004051.D

Acq: 21 Nov 2020 22:38

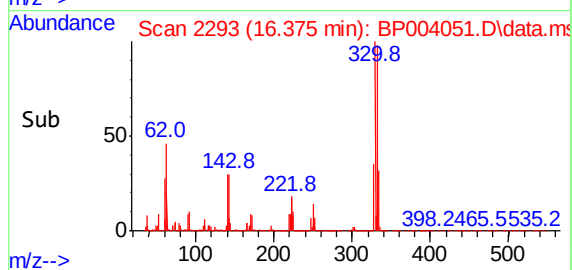
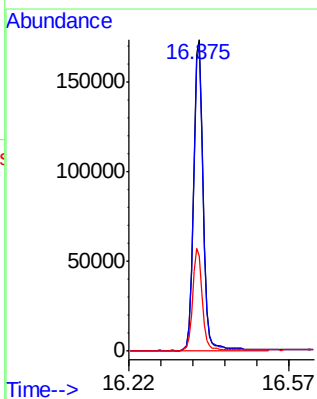
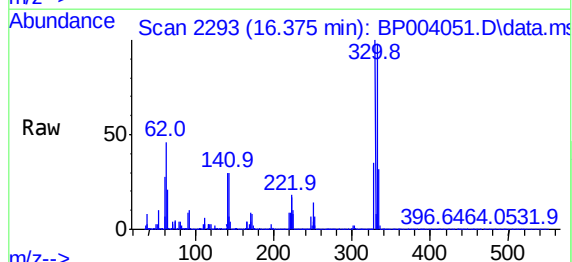
Tgt Ion:330 Resp: 262841

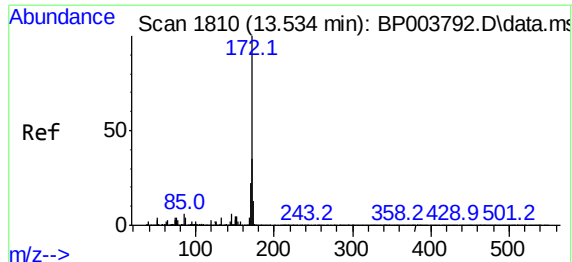
Ion Ratio Lower Upper

330 100

332 97.3 77.1 115.7

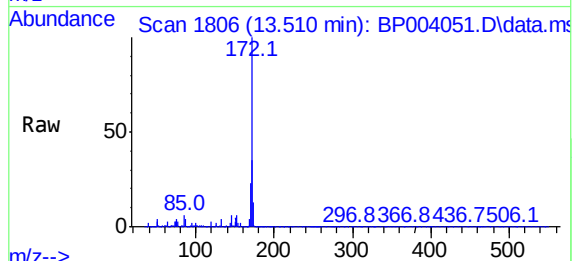
141 32.4 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 54.61 ng
RT: 13.510 min Scan# 1806
Delta R.T. -0.024 min
Lab File: BP004051.D
Acq: 21 Nov 2020 22:38

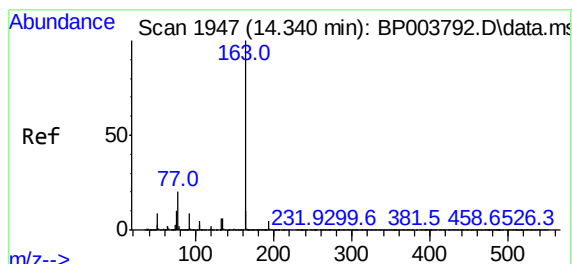
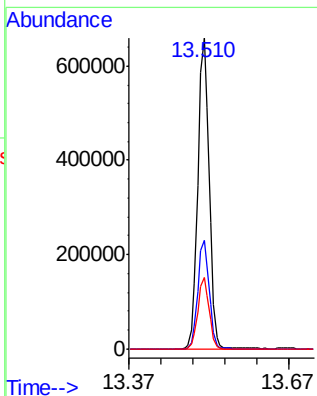
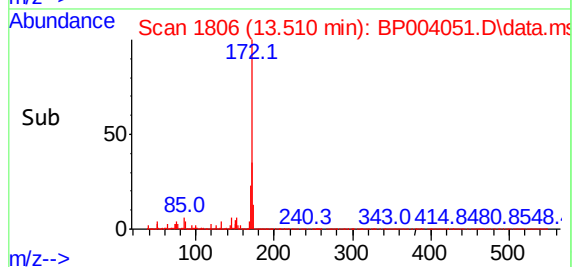
Instrument :
BNA_P
ClientSampleId :
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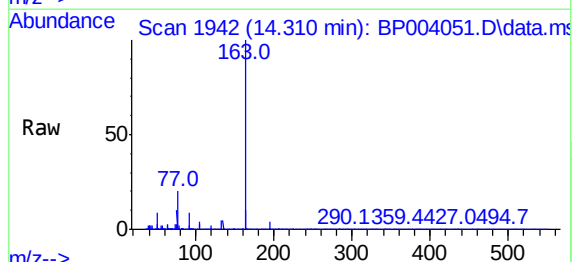
Tgt Ion:172 Resp: 953766
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 22.9 19.2 28.8

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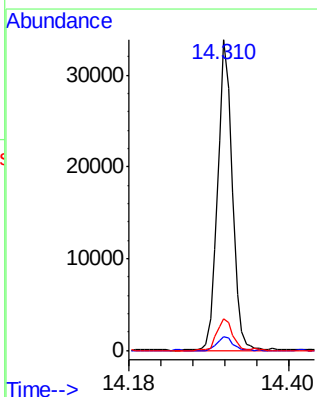
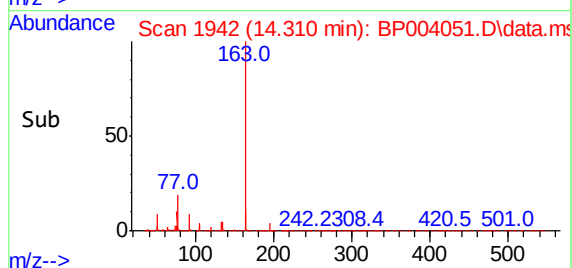
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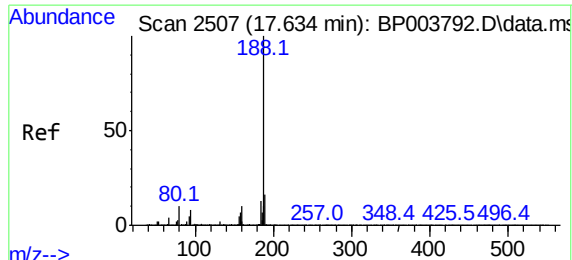


#50
Dimethylphthalate
Concen: 2.36 ng
RT: 14.310 min Scan# 1942
Delta R.T. -0.030 min
Lab File: BP004051.D
Acq: 21 Nov 2020 22:38



Tgt Ion:163 Resp: 45097
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 10.3 8.2 12.2





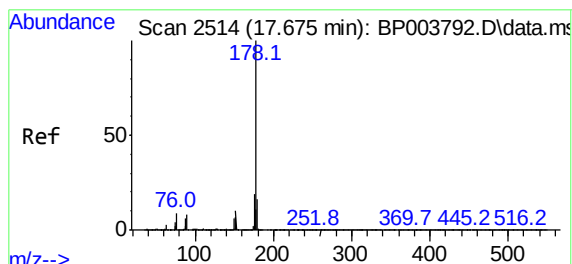
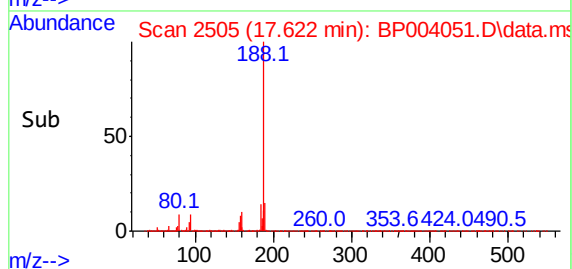
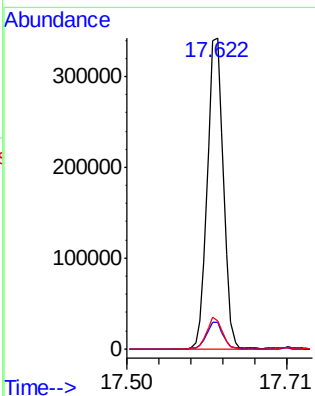
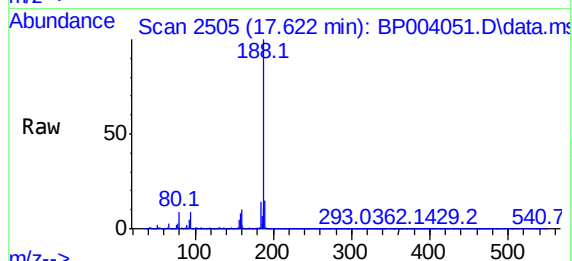
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.622 min Scan# 2505
Delta R.T. -0.012 min
Lab File: BP004051.D
Acq: 21 Nov 2020 22:38

Tgt Ion:	188	Resp:	500912
Ion Ratio	Lower	Upper	
188	100		
94	8.6	6.2	9.2
80	8.8	6.2	9.2

Instrument :
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OUTFALL-SED-RE

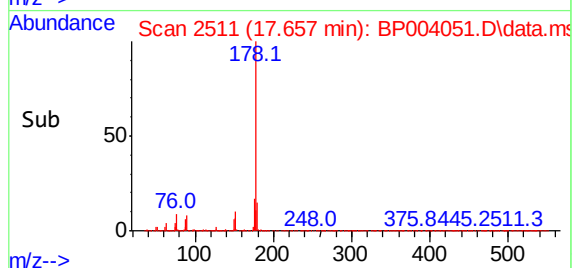
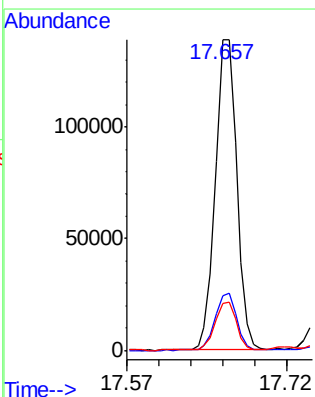
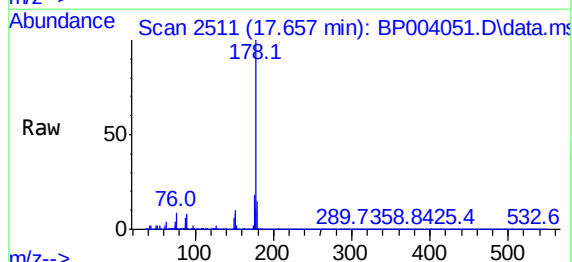
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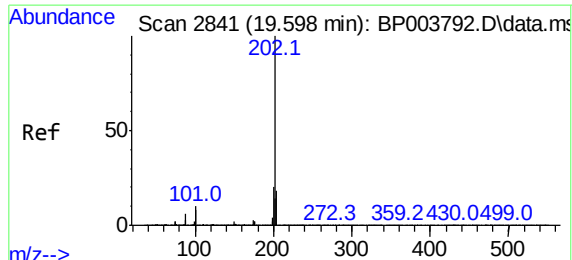
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#71
Phenanthrene
Concen: 6.96 ng
RT: 17.657 min Scan# 2511
Delta R.T. -0.018 min
Lab File: BP004051.D
Acq: 21 Nov 2020 22:38

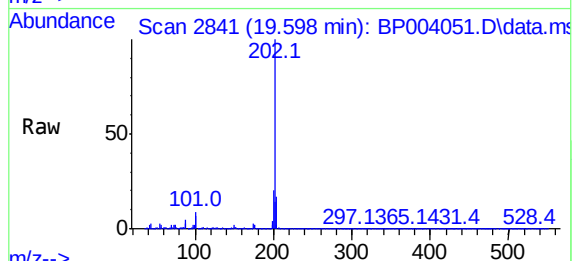
Tgt Ion:	178	Resp:	195742
Ion Ratio	Lower	Upper	
178	100		
176	17.5	15.3	22.9
179	15.1	12.5	18.7





#75
Fluoranthene
Concen: 11.99 ng
RT: 19.598 min Scan# 2841
Delta R.T. -0.000 min
Lab File: BP004051.D
Acq: 21 Nov 2020 22:38

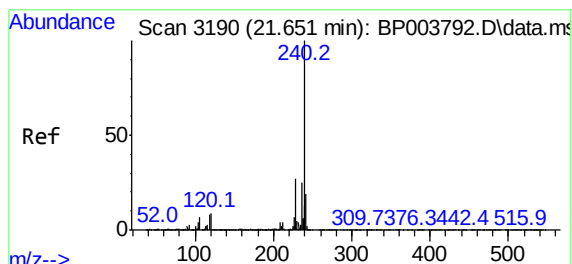
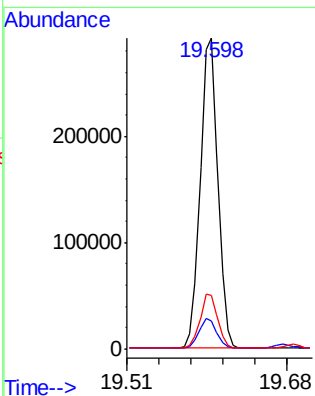
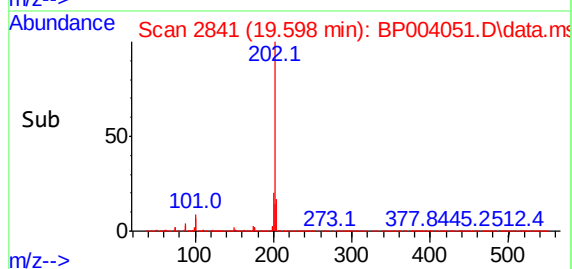
Instrument :
BNA_P
ClientSampleId :
OUTFALL-SED-RE



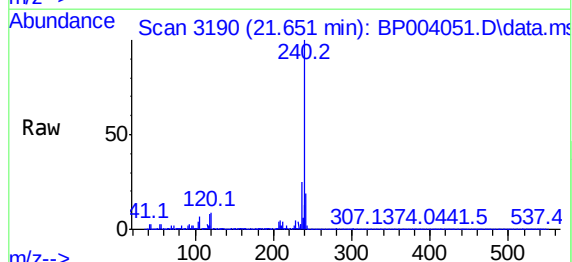
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Ion Ratio Lower Upper
202 100
101 9.0 0.0 29.4
203 17.4 0.0 37.8

Manual Integrations
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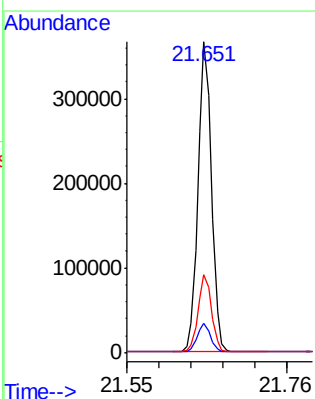
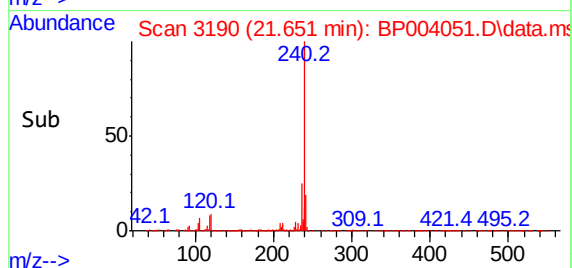
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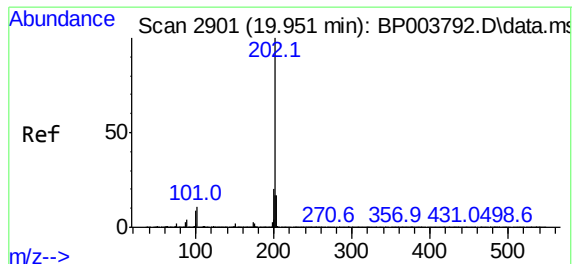


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.651 min Scan# 3190
Delta R.T. -0.000 min
Lab File: BP004051.D
Acq: 21 Nov 2020 22:38



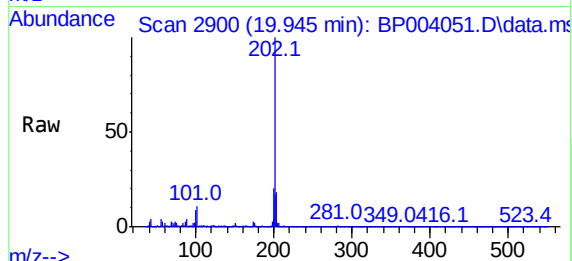
Tgt Ion:240 Resp: 463089
Ion Ratio Lower Upper
240 100
120 9.2 7.8 11.6
236 25.1 20.8 31.2





#78
Pyrene
Concen: 9.78 ng
RT: 19.945 min Scan# 2900
Delta R.T. -0.006 min
Lab File: BP004051.D
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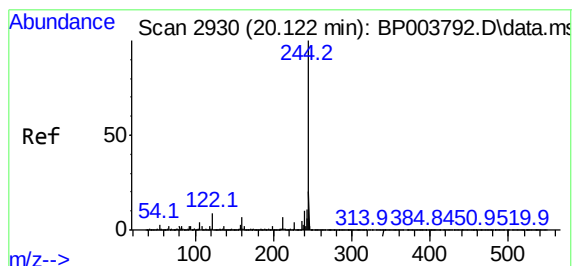
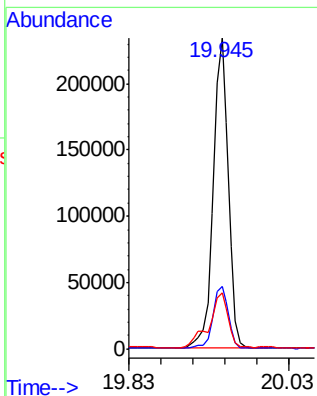
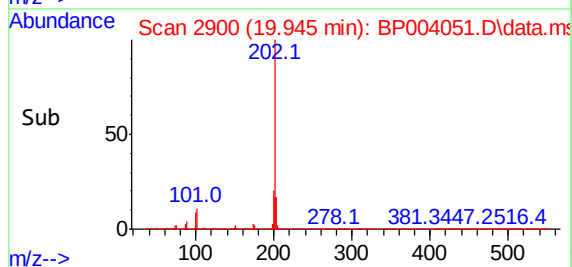
Instrument :
BNA_P
ClientSampleId :
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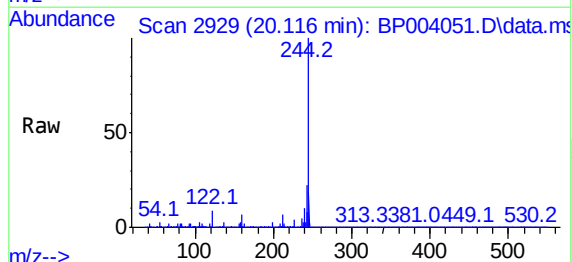
Tgt Ion:202 Resp: 307302
Ion Ratio Lower Upper
202 100
200 20.1 17.1 25.7
203 17.8 14.2 21.2

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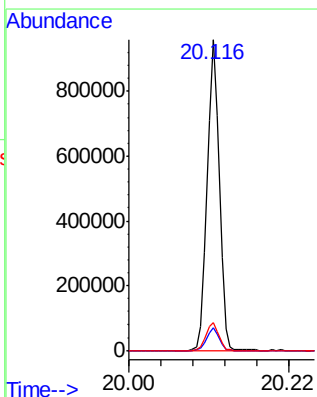
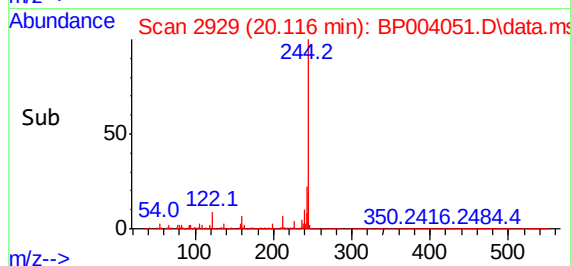
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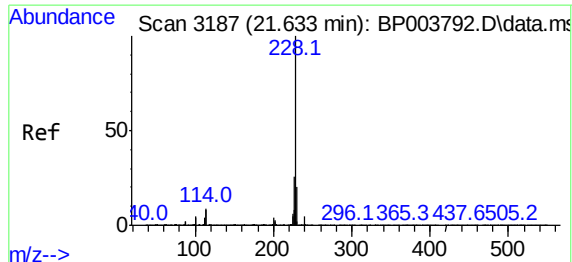


#79
Terphenyl-d14
Concen: 46.51 ng
RT: 20.116 min Scan# 2929
Delta R.T. -0.006 min
Lab File: BP004051.D
Acq: 21 Nov 2020 22:38



Tgt Ion:244 Resp: 1114869
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 9.0 7.8 11.8





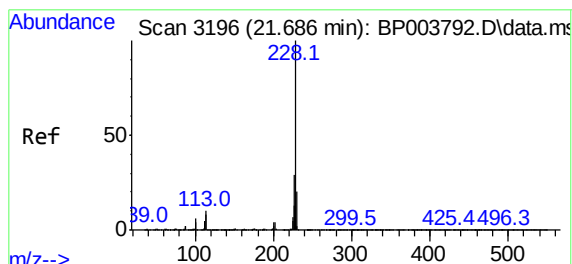
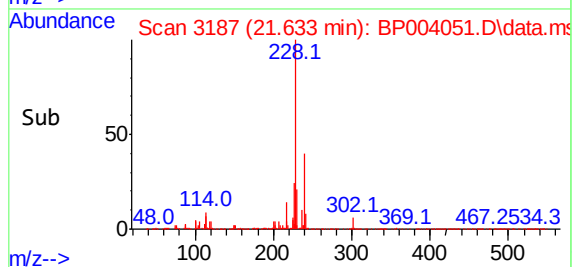
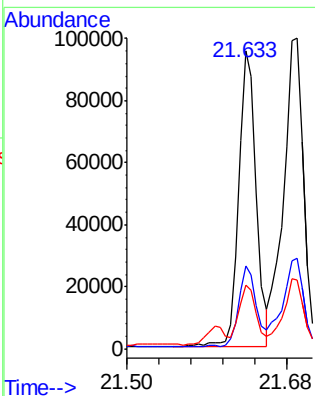
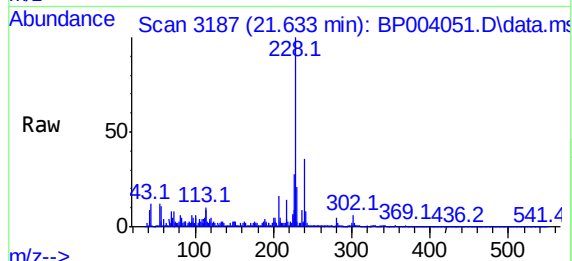
#81
Benzo(a)anthracene
Concen: 4.32 ng
RT: 21.633 min Scan# 3187
Delta R.T. -0.000 min
Lab File: BP004051.D
Acq: 21 Nov 2020 22:38

Tgt Ion:	228	Resp:	131974
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.1	33.1
229	21.3	15.9	23.9

Instrument :
BNA_P
ClientSampleId :
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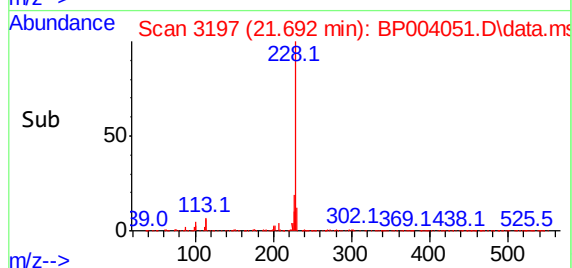
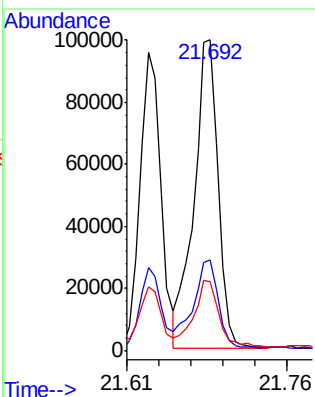
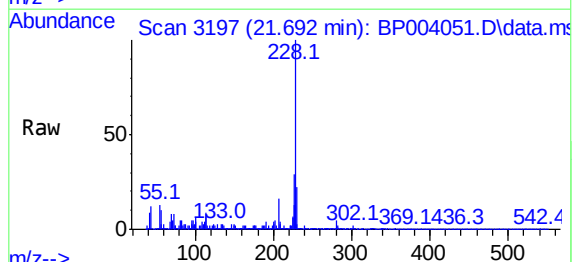
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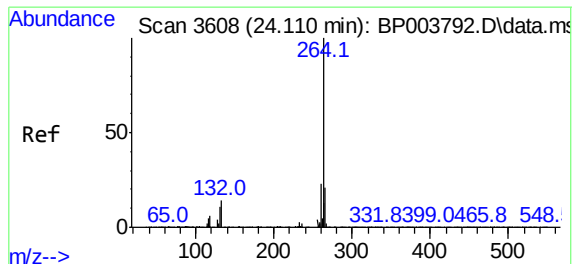
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#83
Chrysene
Concen: 5.40 ng
RT: 21.692 min Scan# 3197
Delta R.T. 0.006 min
Lab File: BP004051.D
Acq: 21 Nov 2020 22:38

Tgt Ion:	228	Resp:	158551
Ion Ratio	Lower	Upper	
228	100		
226	29.1	24.4	36.6
229	22.0	15.8	23.6





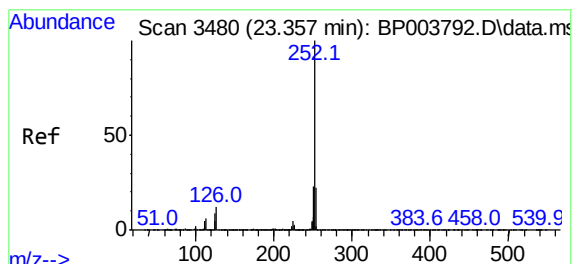
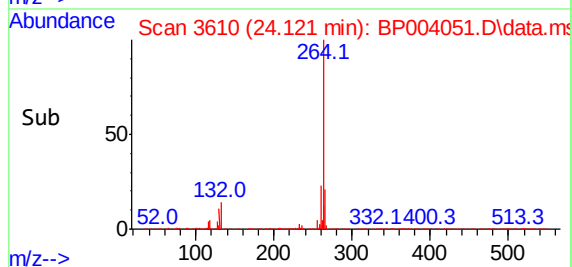
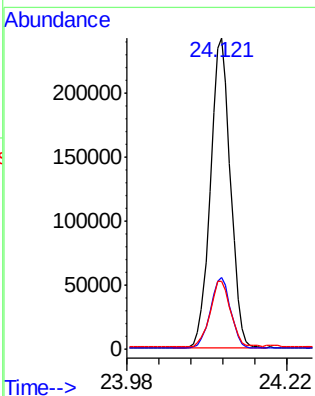
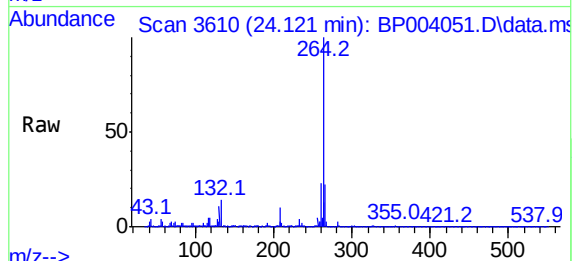
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.121 min Scan# 3610
 Delta R.T. 0.012 min
 Lab File: BP004051.D
 Acq: 21 Nov 2020 22:38

Tgt Ion:	264	Resp:	494168
Ion Ratio	Lower	Upper	
264	100		
260	22.9	18.8	28.2
265	21.8	17.4	26.2

Instrument :
 BNA_P
 ClientSampleId :
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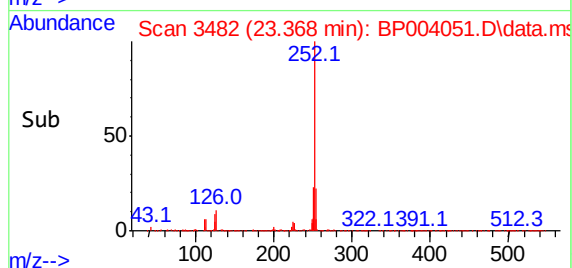
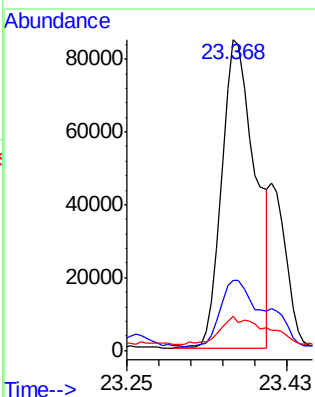
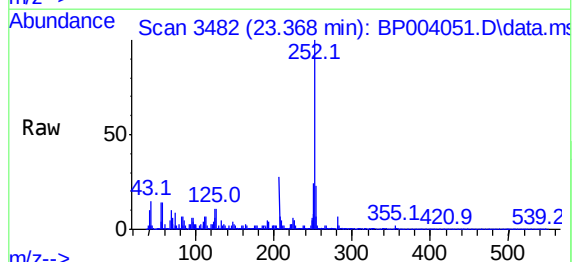
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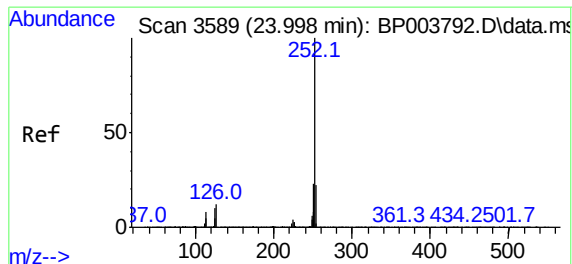
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#88
 Benzo(b)fluoranthene
 Concen: 6.56 ng m
 RT: 23.368 min Scan# 3482
 Delta R.T. 0.012 min
 Lab File: BP004051.D
 Acq: 21 Nov 2020 22:38

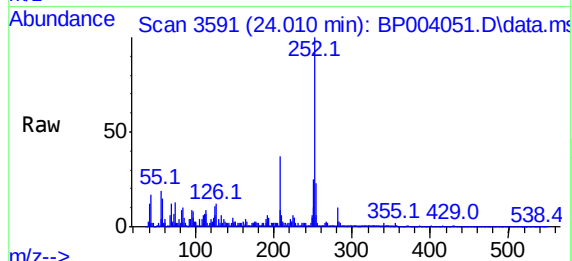
Tgt Ion:	252	Resp:	212026
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.6	26.4
125	11.1	7.3	10.9#





#90
Benzo(a)pyrene
Concen: 4.21 ng
RT: 24.010 min Scan# 3591
Delta R.T. 0.012 min
Lab File: BP004051.D
Acq: 21 Nov 2020 22:38

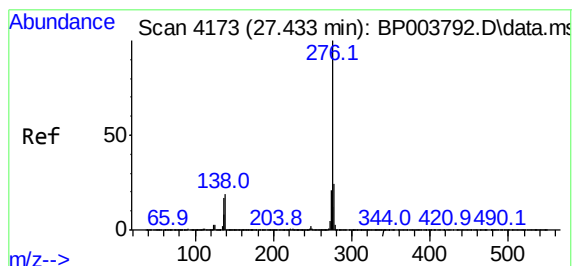
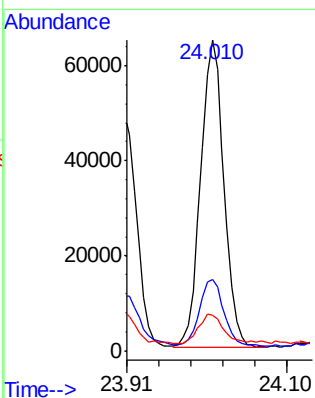
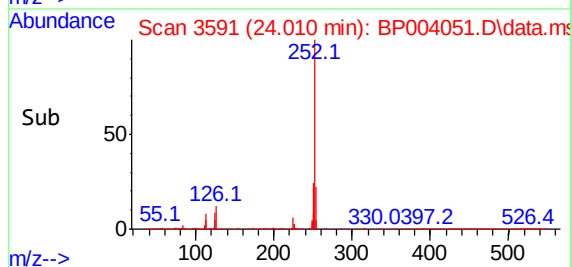
Instrument :
BNA_P
ClientSampleId :
OUTFALL-SED-RE



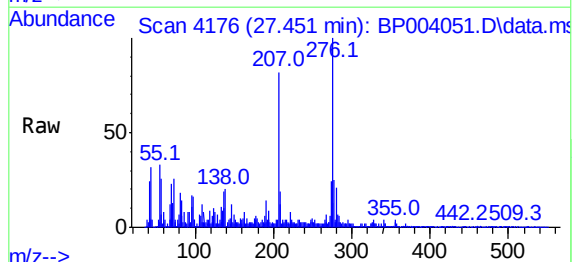
Tgt Ion:252 Resp: 125895
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.0
125 11.4 8.2 12.4

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#92
Benzo(g,h,i)perylene
Concen: 3.39 ng
RT: 27.451 min Scan# 4176
Delta R.T. 0.017 min
Lab File: BP004051.D
Acq: 21 Nov 2020 22:38



Tgt Ion:276 Resp: 97555
Ion Ratio Lower Upper
276 100
277 24.6 19.0 28.6
138 19.9 16.6 24.8

