

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
 Data File : BP001570.D
 Acq On : 09 Jan 2020 01:21
 Operator : JU
 Sample : L1051-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-4F-(22-24)

Manual Integrations
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Quant Time: Jan 09 05:43:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 15:02:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	32940	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	138404	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	101654	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	248217	20.00	ng	-0.01
76) Chrysene-d12	21.16	240	232831	20.00	ng	-0.01
87) Perylene-d12	23.42	264	244669	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	257405	153.08	ng	0.00
7) Phenol-d6	6.86	99	396568	147.56	ng	0.00
23) Nitrobenzene-d5	8.80	82	286245	90.37	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	206565	133.49	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	609092	88.10	ng	0.00
79) Terphenyl-d14	19.65	244	1002297	78.74	ng	0.00
Target Compounds						
10) Phenol	6.88	94	9528	3.427	ng	89
50) Dimethylphthalate	13.77	163	24240	2.895	ng	98
75) Fluoranthene	19.08	202	69252	3.899	ng	97
78) Pyrene	19.43	202	56828	3.323	ng	97
81) Benzo(a)anthracene	21.15	228	33474	2.064	ng	97
88) Benzo(b)fluoranthene	22.74	252	42404m	2.750	ng	

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

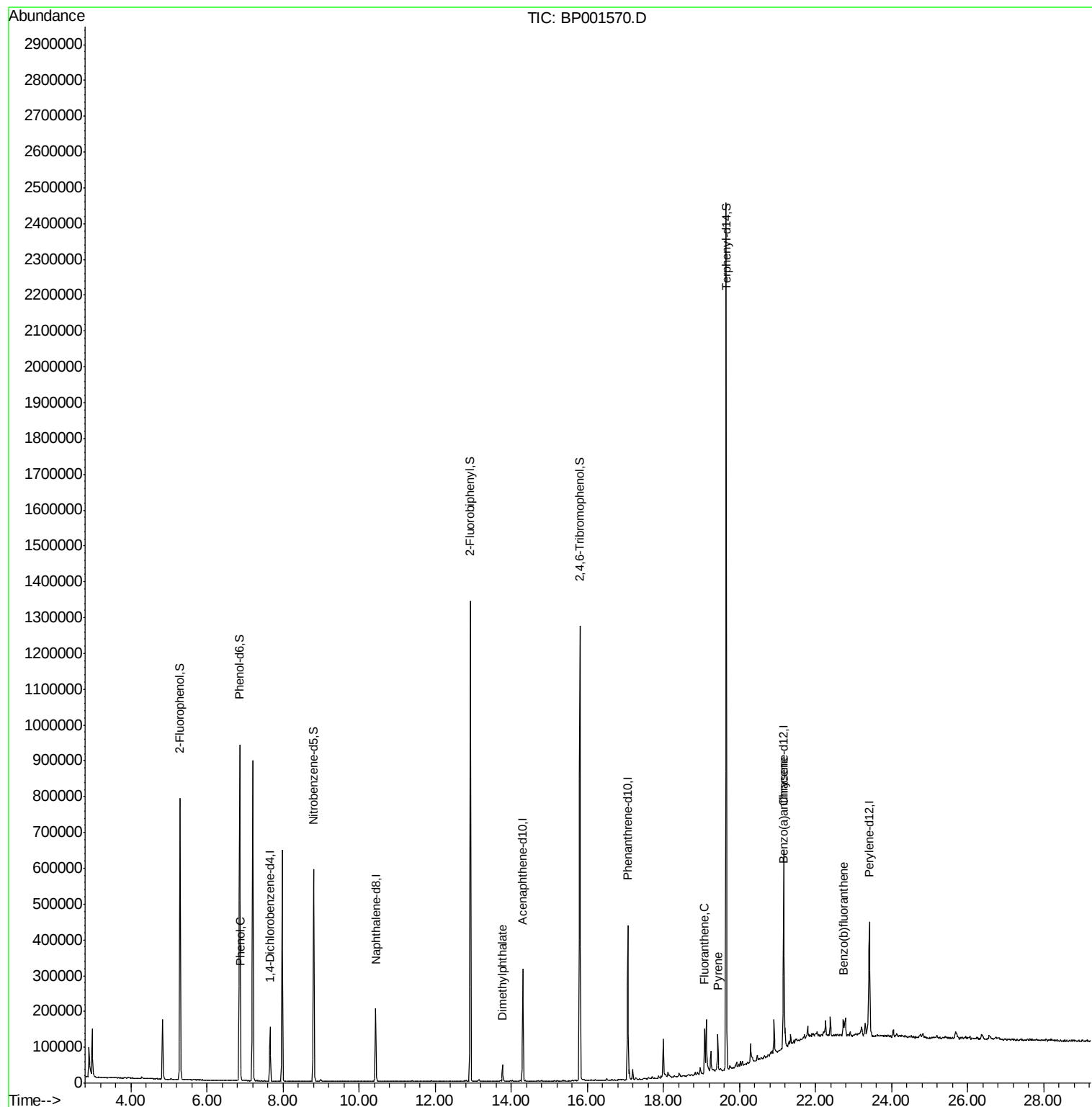
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
Data File : BP001570.D
Acq On : 09 Jan 2020 01:21
Operator : JU
Sample : L1051-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

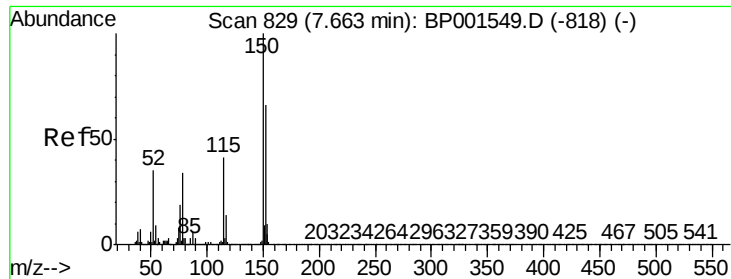
Instrument :
BNA_P
ClientSampleId :
SB-4F-(22-24)

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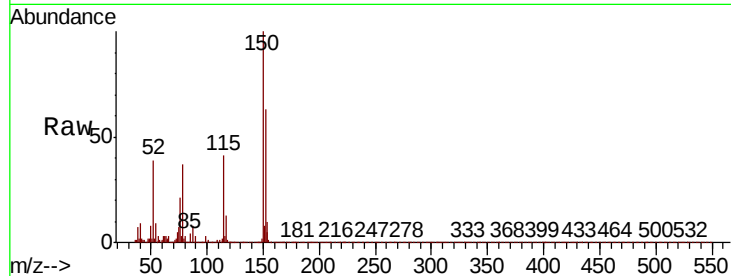
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 828
Delta R.T. -0.01 min
Lab File: BP001570.D
Acq: 09 Jan 2020 01:21

Instrument :
BNA_P
ClientSampleId :
SB-4F-(22-24)

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	122.0	183.0
115	65.8	50.7	76.1

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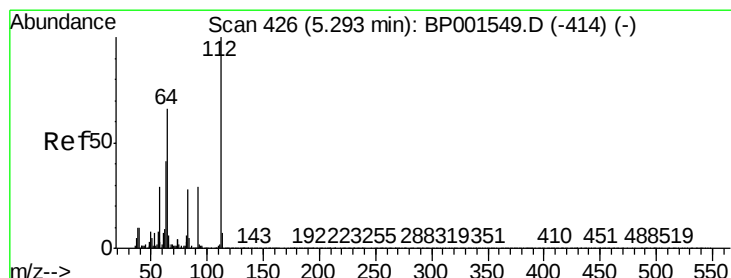
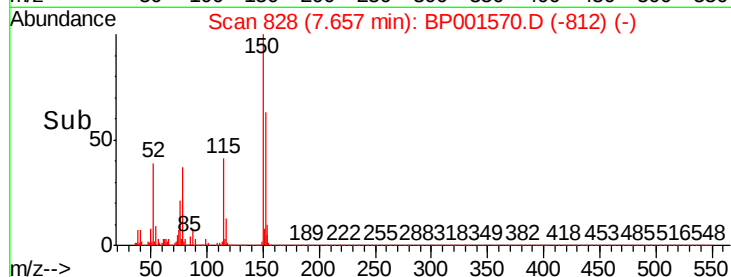
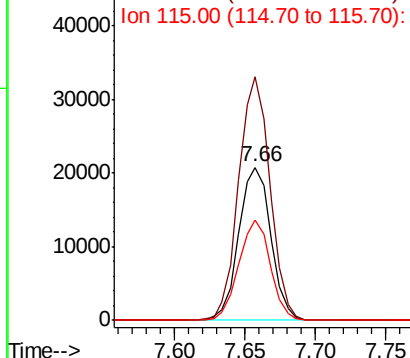


Abundance

Ion 152.00 (151.70 to 152.70): E

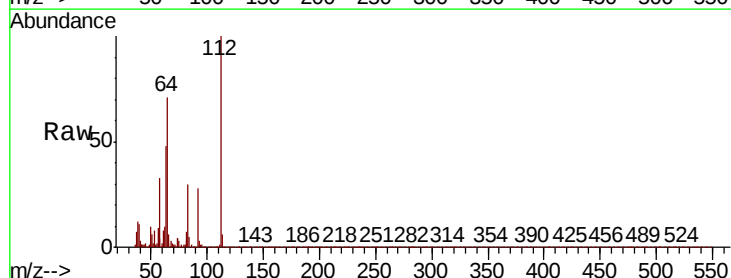
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
2-Fluorophenol
Concen: 153.075 ng
RT: 5.29 min Scan# 425
Delta R.T. -0.01 min
Lab File: BP001570.D
Acq: 09 Jan 2020 01:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.0	52.8	79.2
63	47.6	33.1	49.7

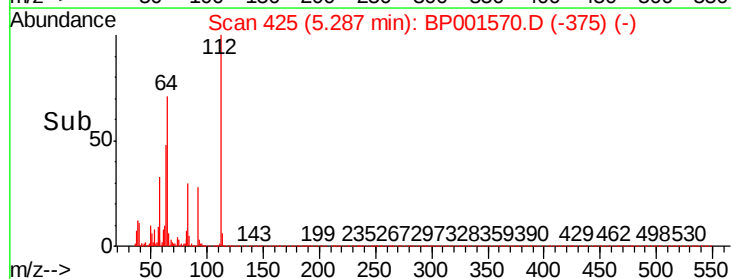
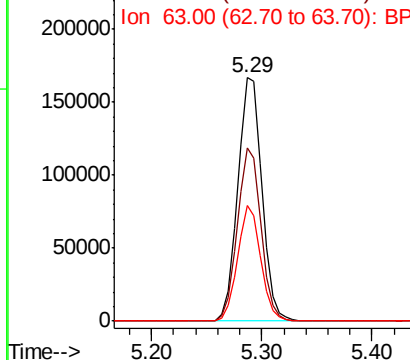


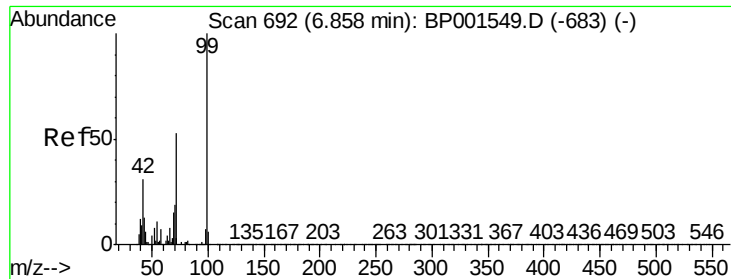
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 147.563 ng

RT: 6.86 min Scan# 692

Delta R.T. -0.00 min

Lab File: BP001570.D

Acq: 09 Jan 2020 01:21

Instrument :

BNA_P

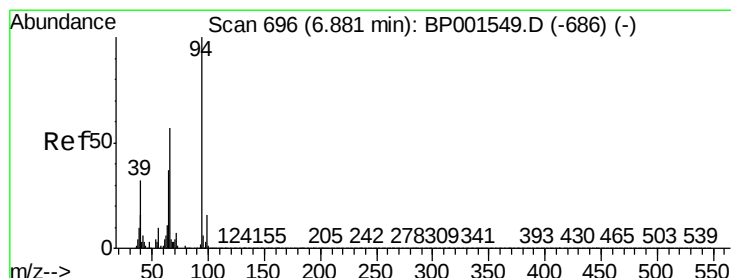
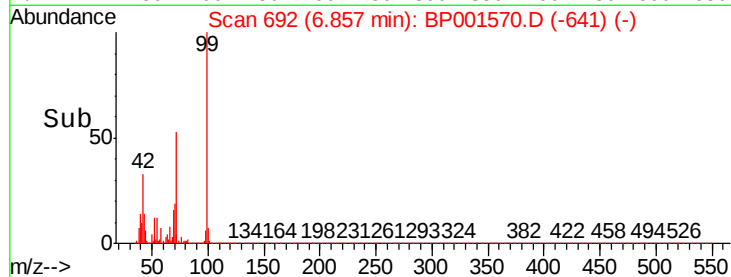
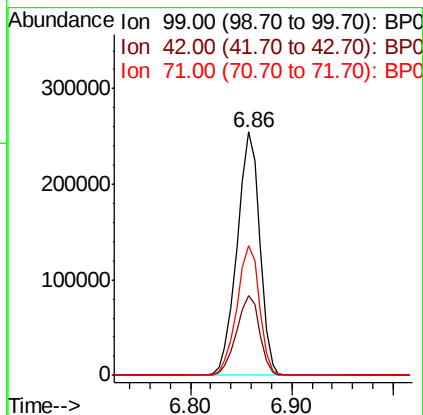
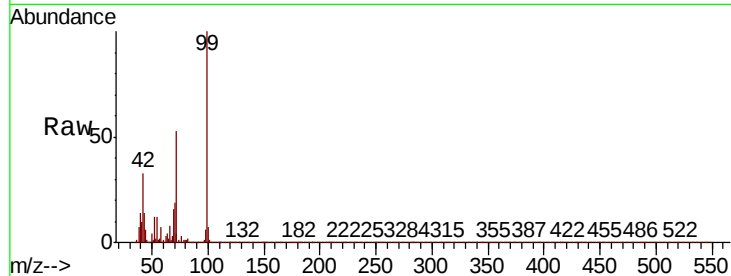
ClientSampleId :

SB-4F-(22-24)

Tot Ion:	99	Resp:	396568
Ion Ratio	Lower	Upper	
99	100		
42	32.5	24.5	36.7
71	53.3	42.4	63.6

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#10

Phenol

Concen: 3.427 ng

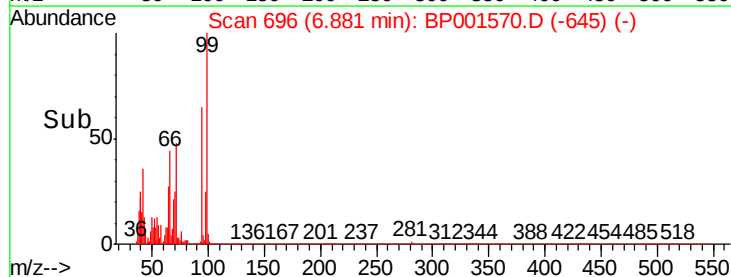
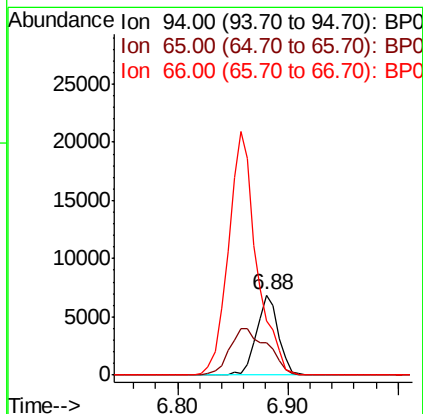
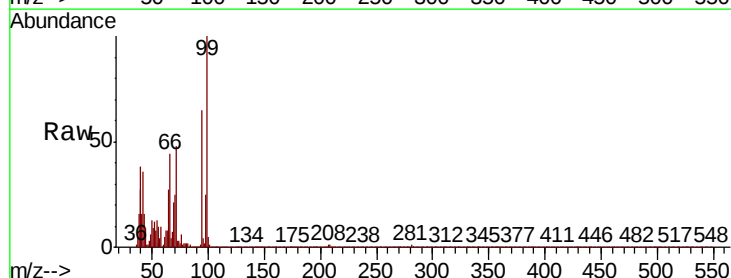
RT: 6.88 min Scan# 696

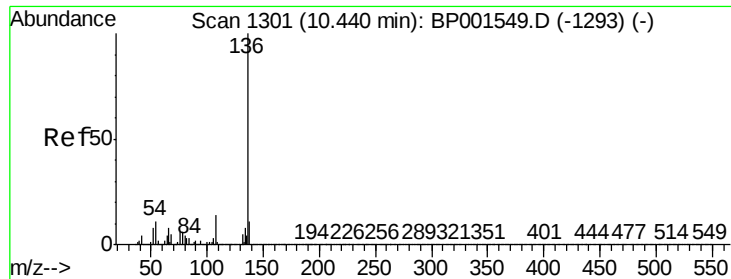
Delta R.T. -0.00 min

Lab File: BP001570.D

Acq: 09 Jan 2020 01:21

Tgt Ion:	94	Resp:	9528
Ion Ratio	Lower	Upper	
94	100		
65	40.8	17.5	57.5
66	67.1	36.7	76.7





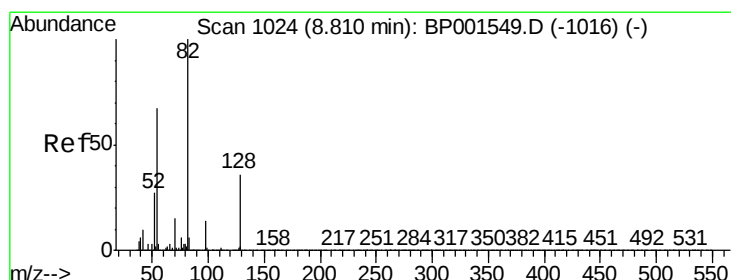
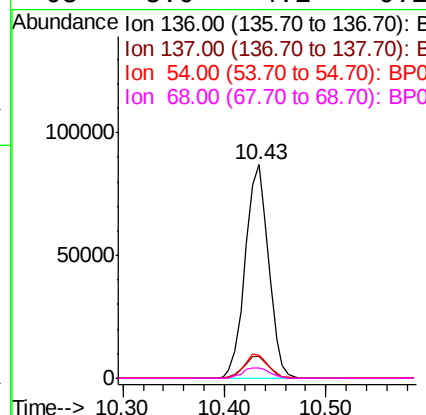
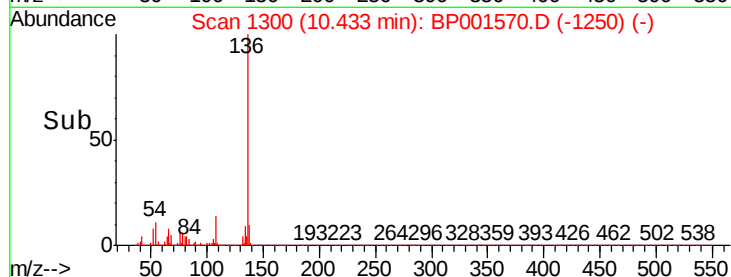
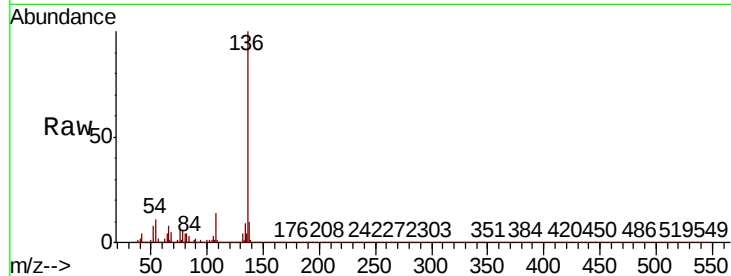
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BP001570.D
Acq: 09 Jan 2020 01:21

Instrument :
BNA_P
ClientSampleId :
SB-4F-(22-24)

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.5	8.6	12.8
54	10.7	9.2	13.8
68	5.0	4.1	6.1

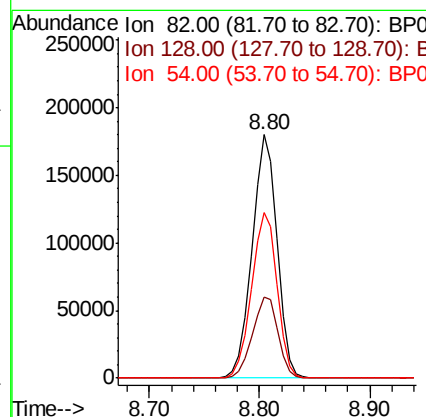
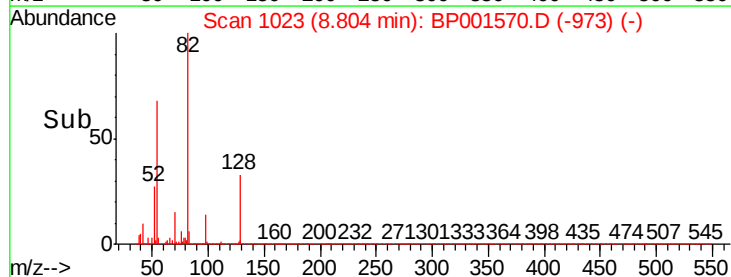
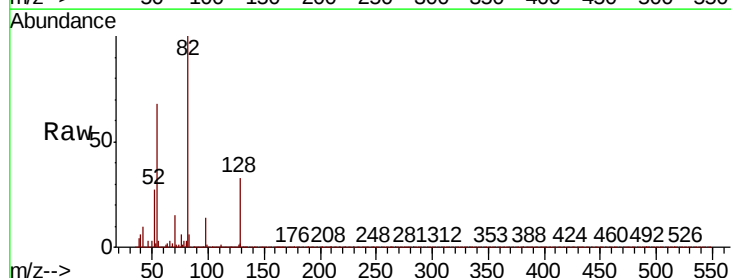
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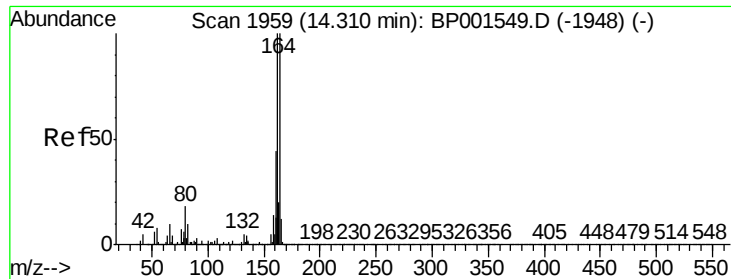
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#23
Nitrobenzene-d5
Concen: 90.375 ng
RT: 8.80 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BP001570.D
Acq: 09 Jan 2020 01:21

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	33.3	28.4	42.6
54	68.2	53.4	80.2





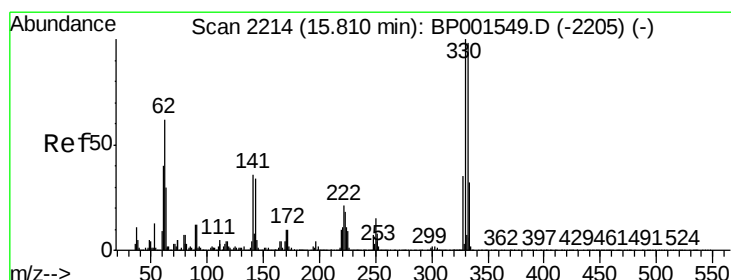
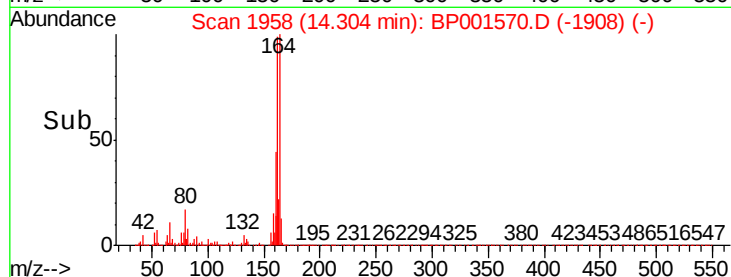
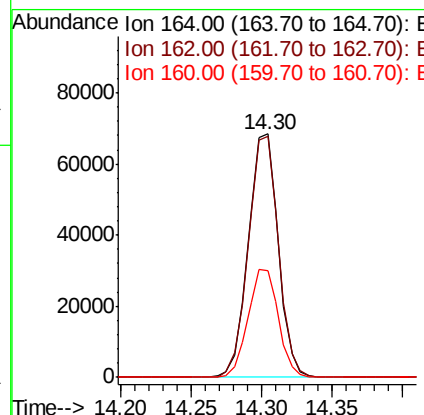
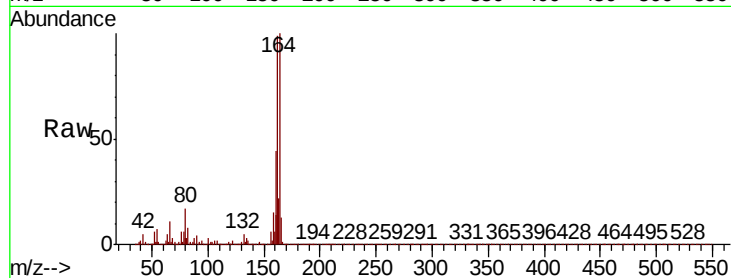
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BP001570.D
Acq: 09 Jan 2020 01:21

Instrument :
BNA_P
ClientSampleId :
SB-4F-(22-24)

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.8	119.6
160	43.6	35.0	52.6

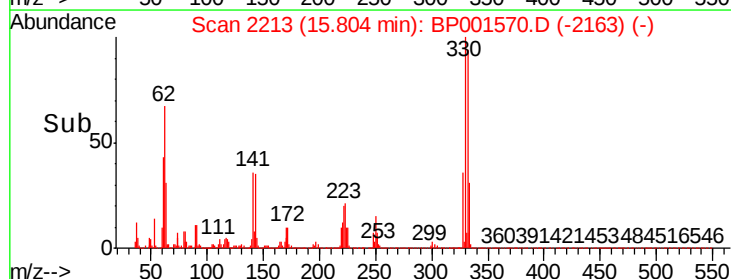
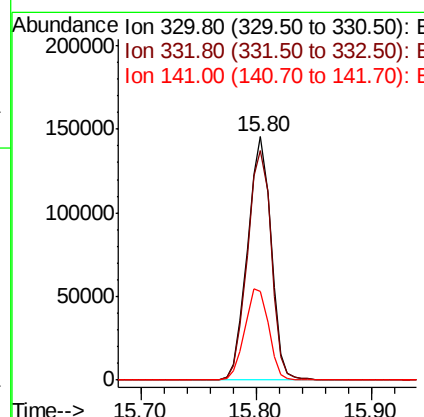
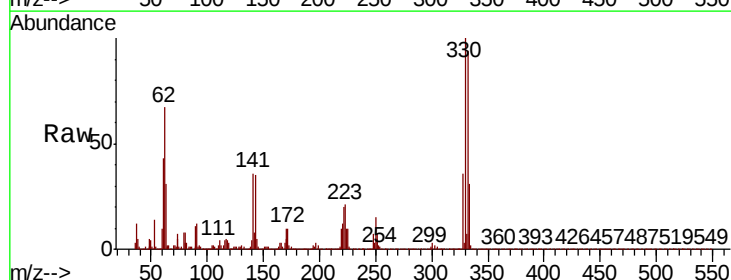
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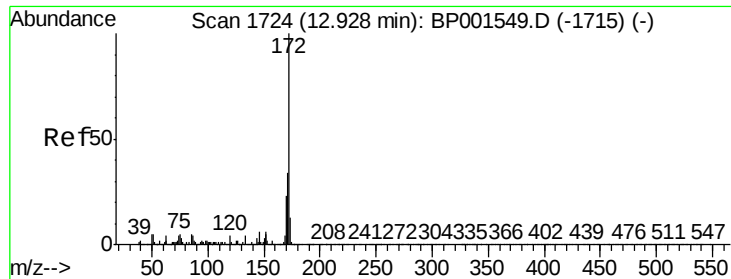
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#42
2,4,6-Tribromophenol
Concen: 133.494 ng
RT: 15.80 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BP001570.D
Acq: 09 Jan 2020 01:21

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.8	116.6
141	38.1	28.7	43.1





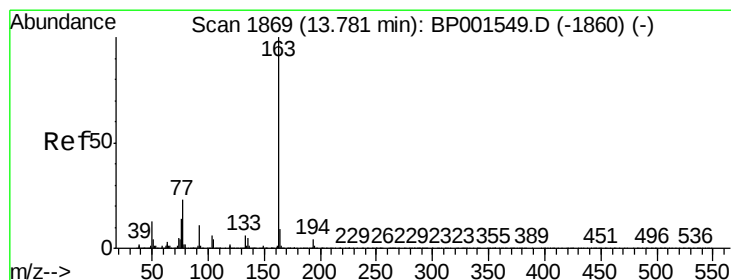
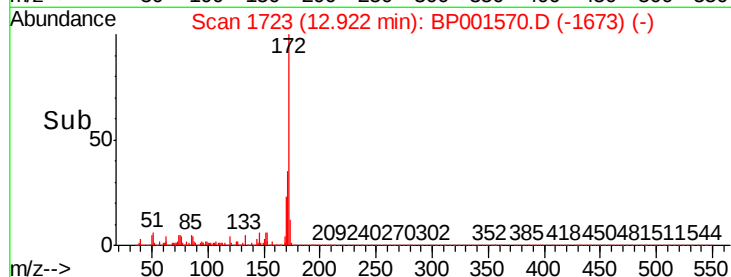
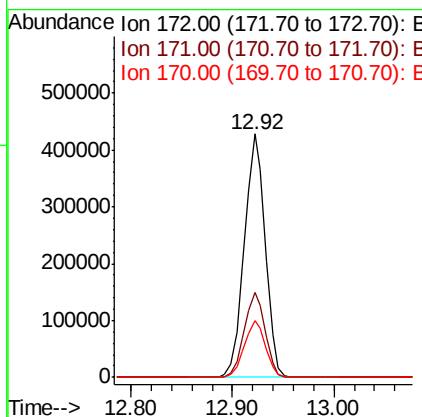
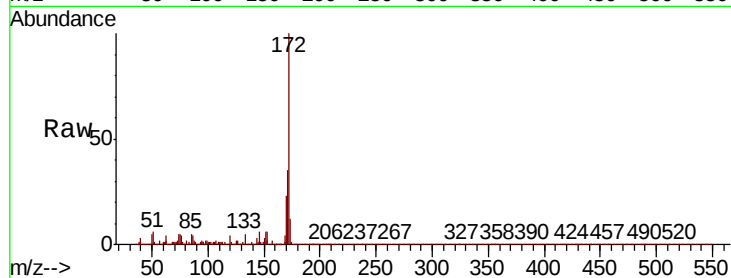
#45
2-Fluorobiphenyl
Concen: 88.096 ng
RT: 12.92 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BP001570.D
Acq: 09 Jan 2020 01:21

Instrument :
BNA_P
ClientSampleId :
SB-4F-(22-24)

Tot Ion:	172	Resp:	609092
Ion Ratio	Lower	Upper	
172	100		
171	34.9	27.6	41.4
170	23.3	18.3	27.5

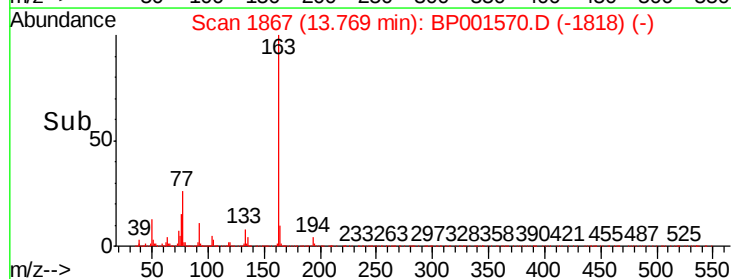
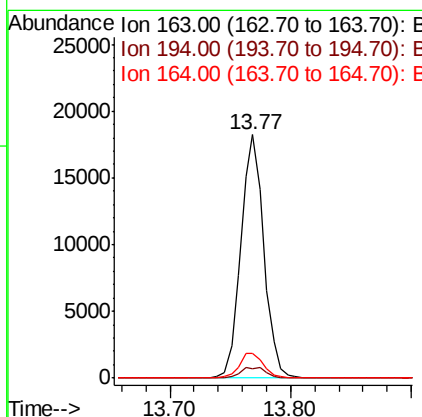
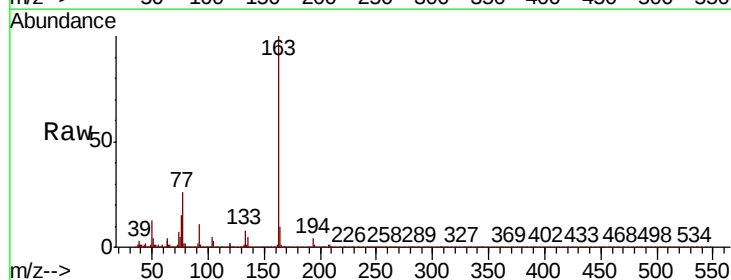
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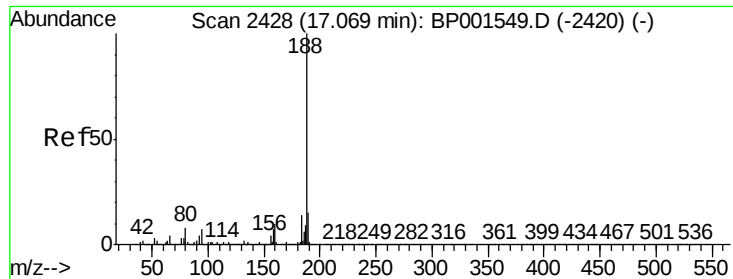
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#50
Dimethylphthalate
Concen: 2.895 ng
RT: 13.77 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BP001570.D
Acq: 09 Jan 2020 01:21

Tgt Ion:	163	Resp:	24240
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.6	5.4
164	10.4	7.5	11.3





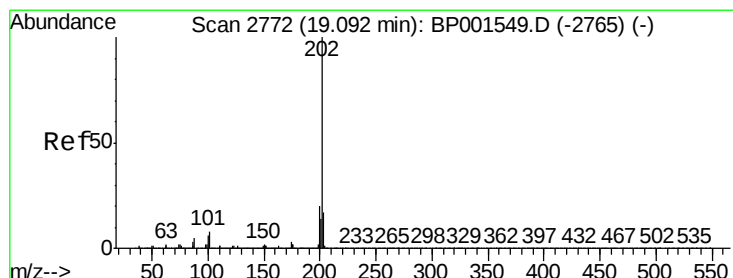
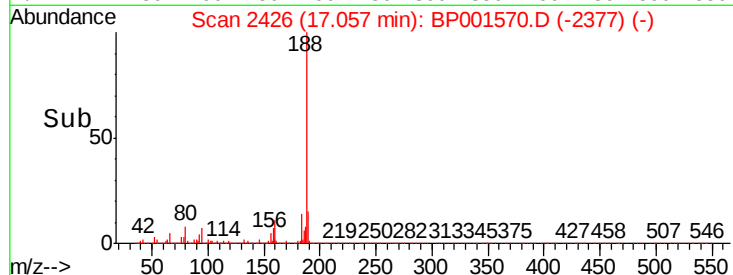
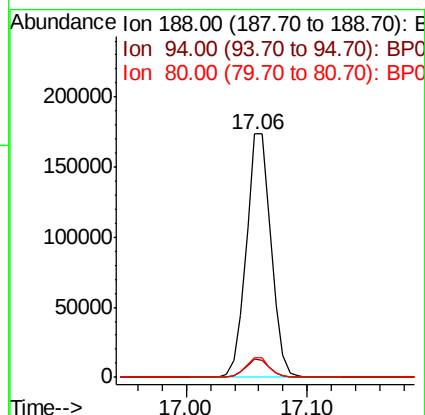
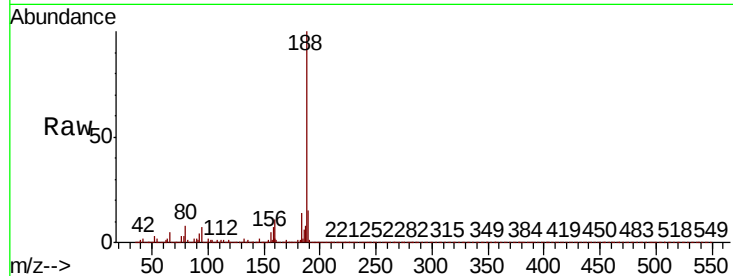
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BP001570.D
Acq: 09 Jan 2020 01:21

Instrument :
BNA_P
ClientSampleId :
SB-4F-(22-24)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	248217		
94	7.3	5.9	8.9	
80	8.2	6.8	10.2	

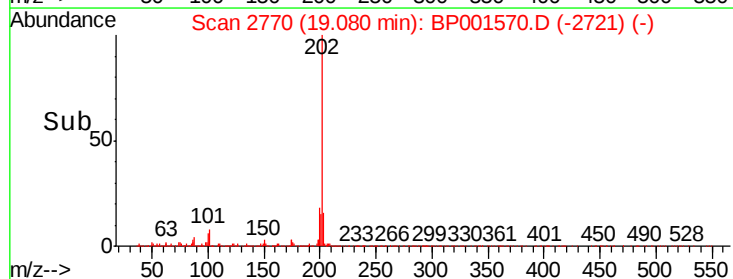
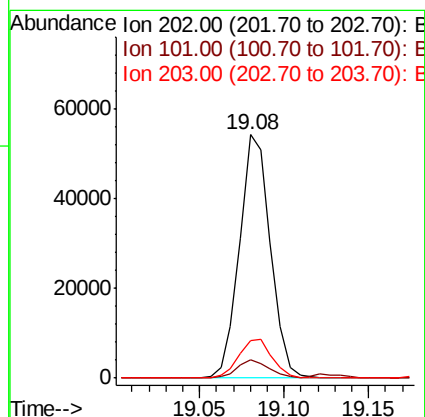
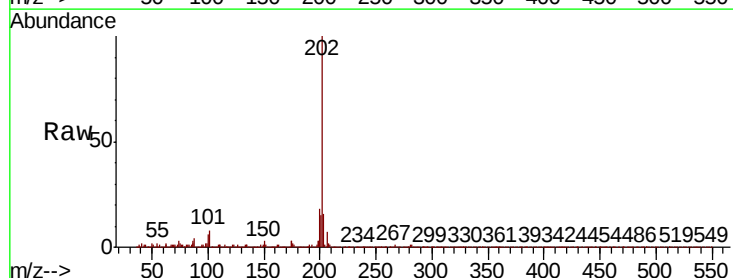
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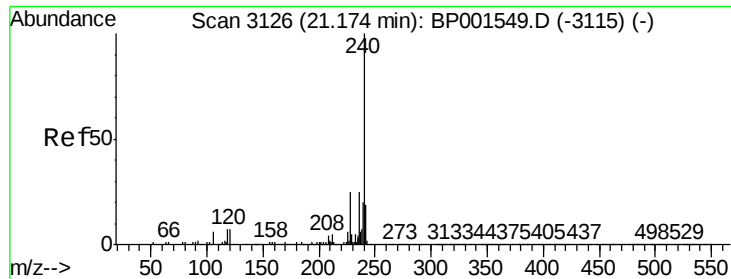
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#75
Fluoranthene
Concen: 3.899 ng
RT: 19.08 min Scan# 2770
Delta R.T. -0.01 min
Lab File: BP001570.D
Acq: 09 Jan 2020 01:21

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	69252		
101	7.8	0.0	28.4	
203	15.6	0.0	37.4	





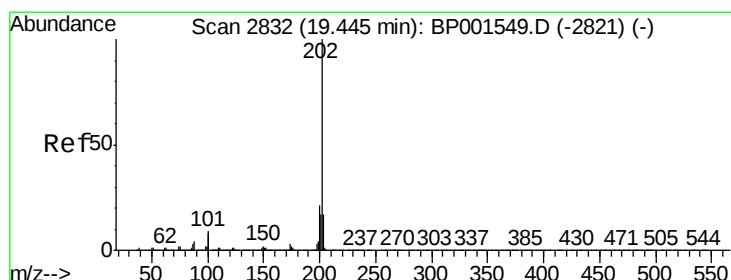
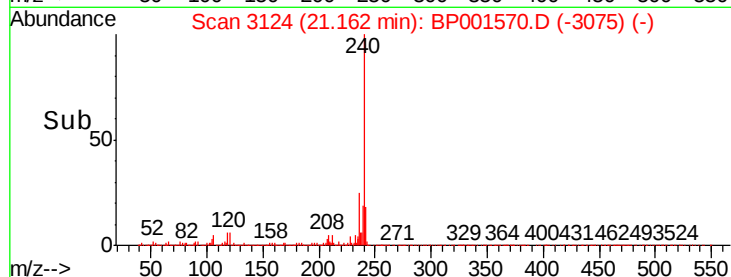
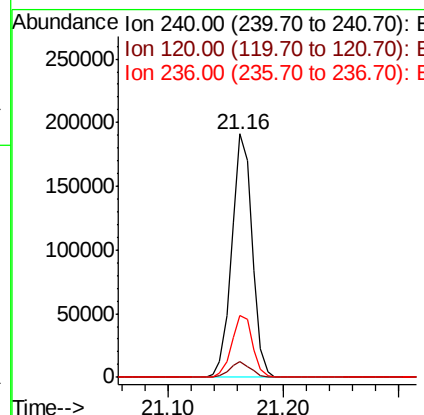
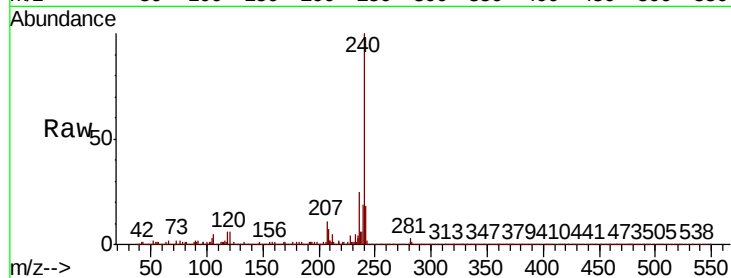
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BP001570.D
Acq: 09 Jan 2020 01:21

Instrument :
BNA_P
ClientSampleId :
SB-4F-(22-24)

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.2	5.7	8.5
236	25.4	20.4	30.6

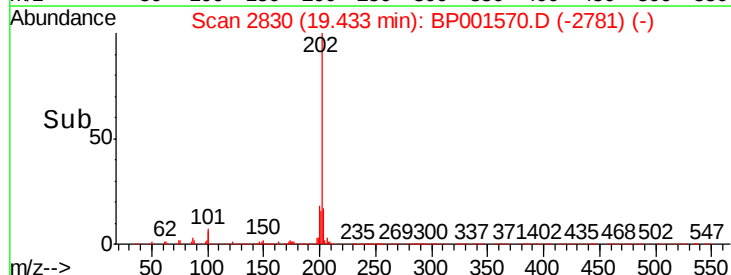
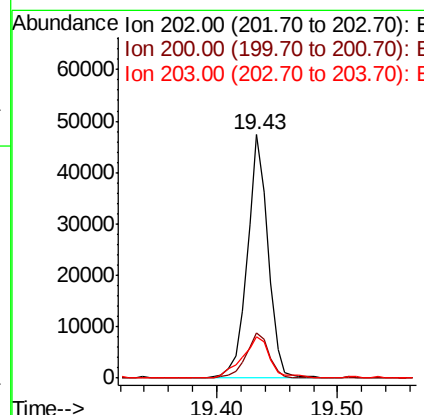
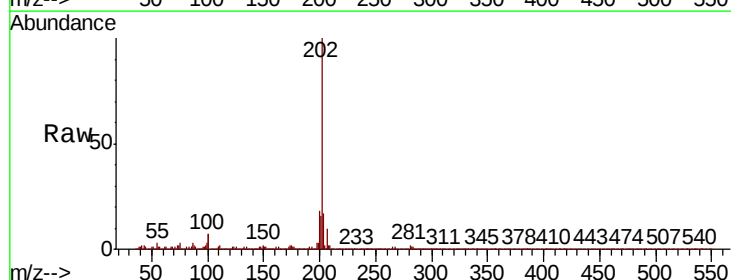
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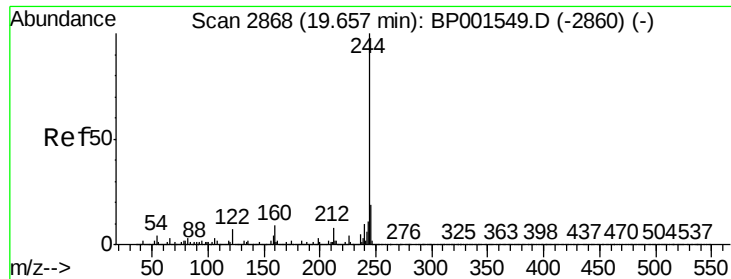
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#78
Pyrene
Concen: 3.323 ng
RT: 19.43 min Scan# 2830
Delta R.T. -0.01 min
Lab File: BP001570.D
Acq: 09 Jan 2020 01:21

Tgt Ion	Ratio	Lower	Upper
202	100		
200	18.4	17.0	25.6
203	17.2	13.7	20.5





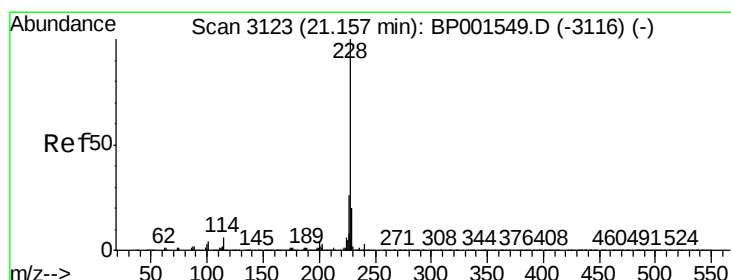
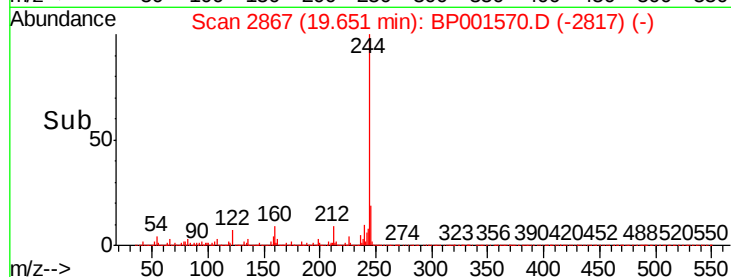
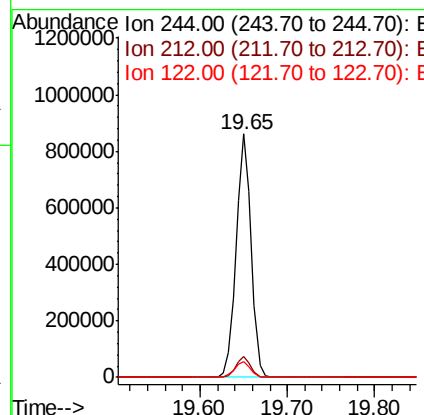
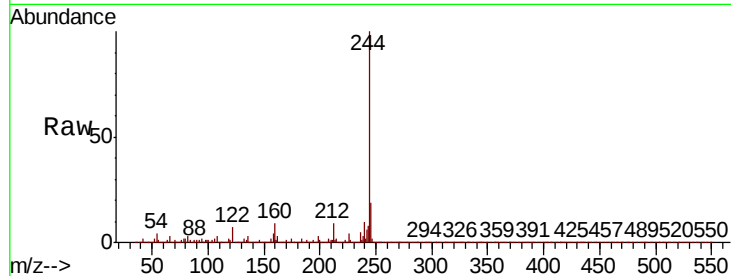
#79
Terphenyl-d14
Concen: 78.737 ng
RT: 19.65 min Scan# 2867
Delta R.T. -0.01 min
Lab File: BP001570.D
Acq: 09 Jan 2020 01:21

Instrument :
BNA_P
ClientSampleId :
SB-4F-(22-24)

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.3	9.5
122	6.6	5.8	8.6

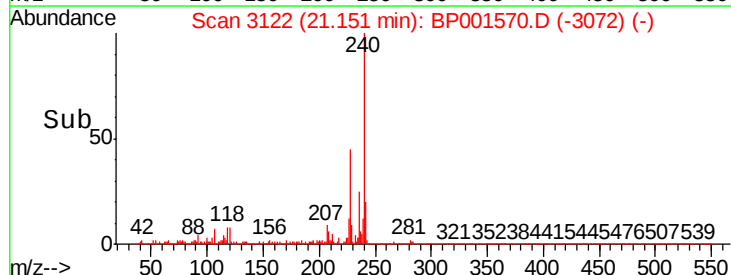
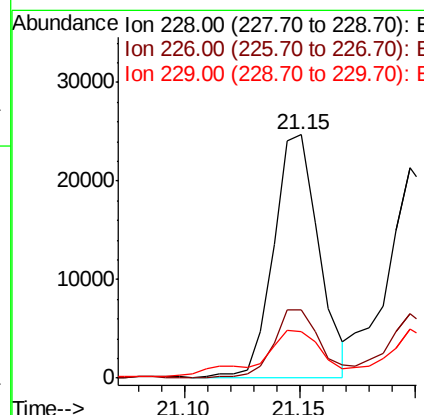
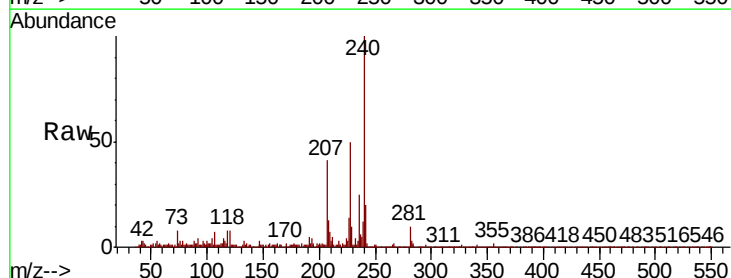
Manual Integrations
APPROVED

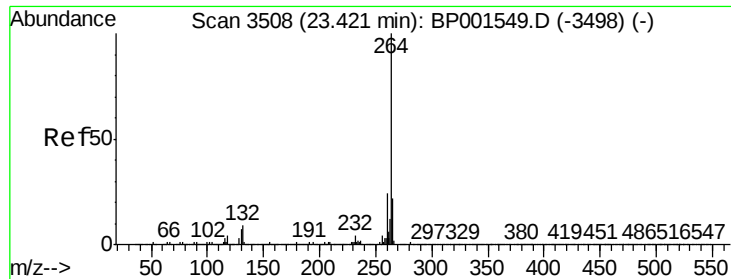
mohammad
1/9/2020 12:12:10 PM



#81
Benzo(a)anthracene
Concen: 2.064 ng
RT: 21.15 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BP001570.D
Acq: 09 Jan 2020 01:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.2	31.8
229	18.9	16.1	24.1





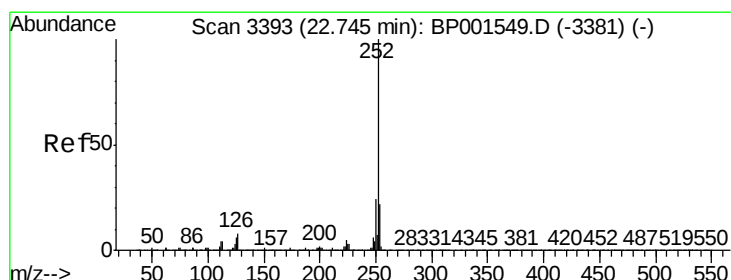
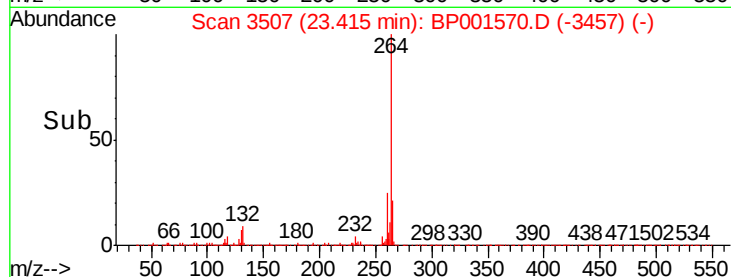
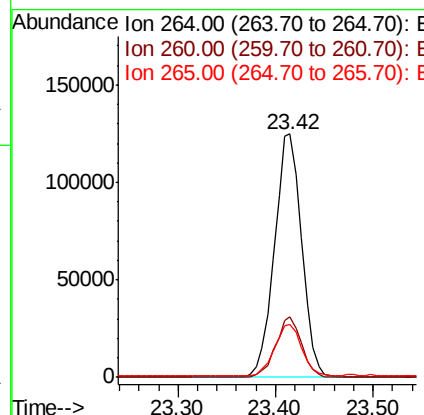
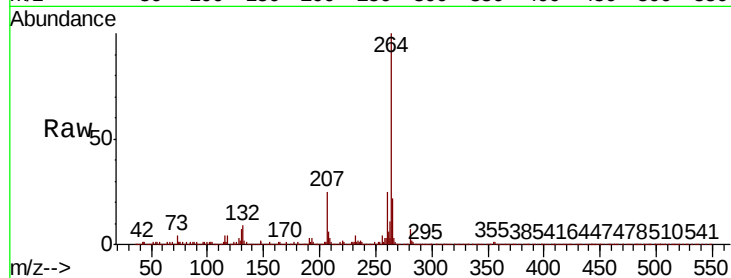
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.42 min Scan# 3507
Delta R.T. -0.01 min
Lab File: BP001570.D
Acq: 09 Jan 2020 01:21

Instrument :
BNA_P
ClientSampleId :
SB-4F-(22-24)

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.0	28.6
265	21.8	18.2	27.4

Manual Integrations
APPROVED

mohammad
1/9/2020 12:12:10 PM



#88
Benzo(b)fluoranthene
Concen: 2.750 ng m
RT: 22.74 min Scan# 3392
Delta R.T. -0.01 min
Lab File: BP001570.D
Acq: 09 Jan 2020 01:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.6	26.4
125	6.1	4.6	7.0

