Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081524\
Data File : BM047214.D
Acq On : 15 Aug 2024 14:11
Operator : RC/JU
Sample : P3520-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OU4-CF-14-080624

Quant Time: Aug 15 14:57:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.363	152	283952	20.000	ng	-0.01
21) Naphthalene-d8	10.122	136	1018429	20.000	ng	-0.01
39) Acenaphthene-d10	14.022	164	598262	20.000	ng	-0.01
64) Phenanthrene-d10	16.786	188	1194733	20.000	ng	0.00
76) Chrysene-d12	21.021	240	1089622	20.000	ng	-0.01
86) Perylene-d12	23.721	264	1233826	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	1595361	100.392	ng	0.00
7) Phenol-d6	6.581	99	2053777	93.793	ng	0.00
23) Nitrobenzene-d5	8.510	82	1318072	65.168	ng	-0.01
42) 2,4,6-Tribromophenol	15.533	330	739753	106.640	ng	0.00
45) 2-Fluorobiphenyl	12.628	172	2545687	65.637	ng	-0.02
79) Terphenyl-d14	19.457	244	3609954	70.991	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.487	77	134	Below Cal	#	18

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

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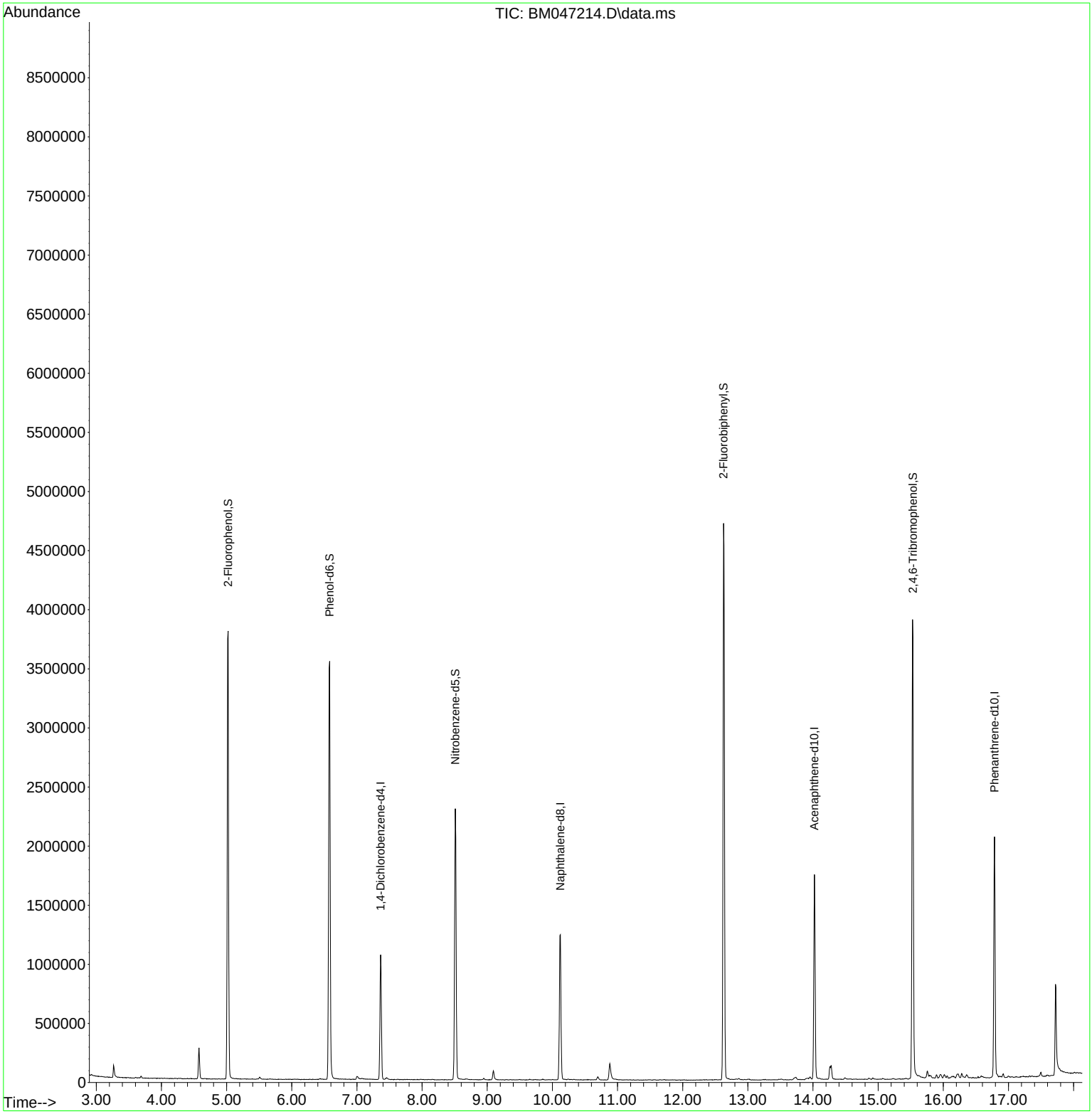

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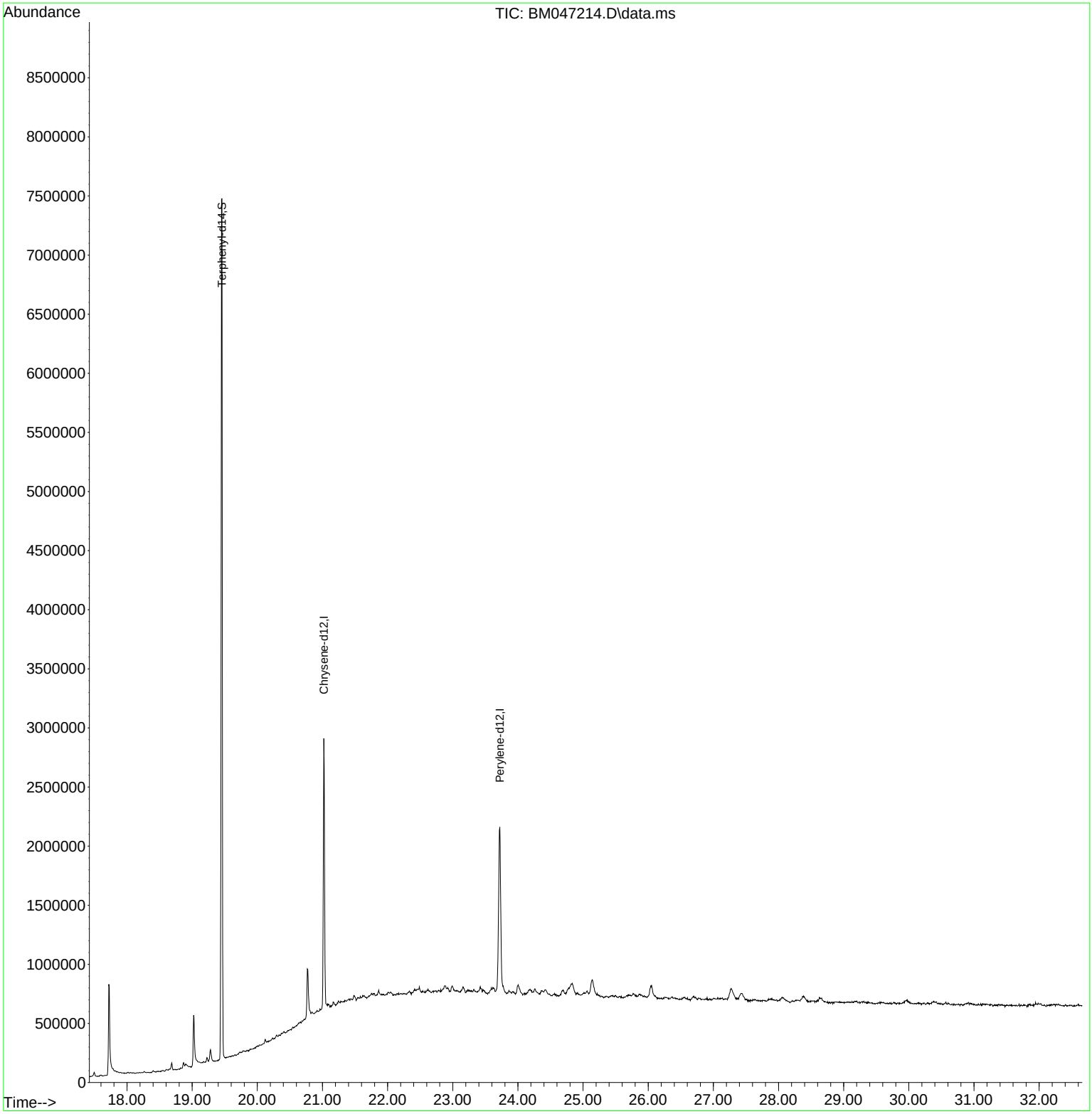
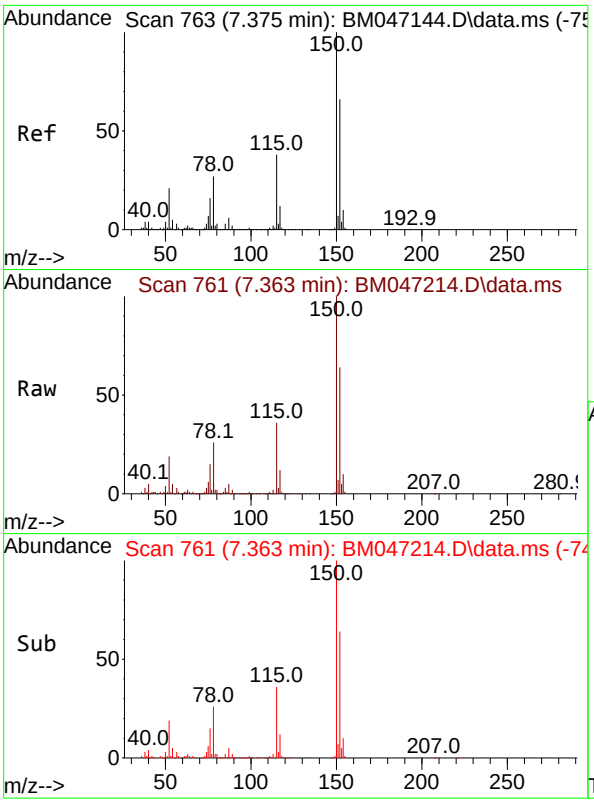


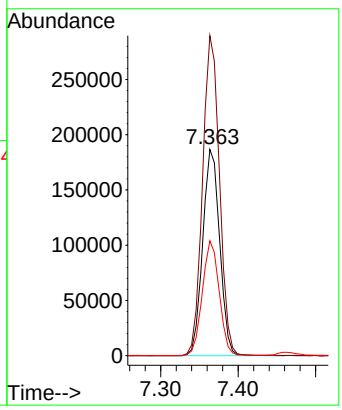


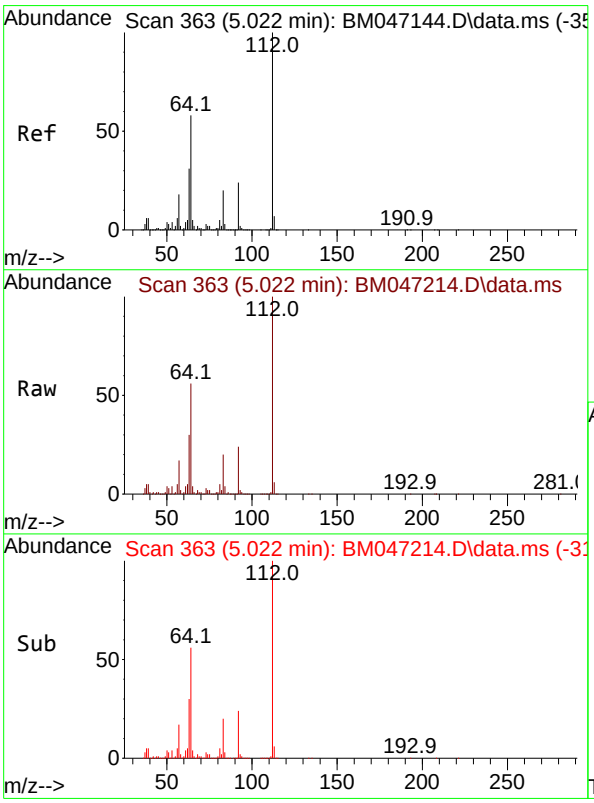
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.363 min Scan# 7(
Delta R.T. -0.012 min
Lab File: BM047214.D
Acq: 15 Aug 2024 14:11

Instrument :
BNA_M
ClientSampleId :
OU4-CF-14-080624

Tgt Ion:152 Resp: 283952

Ion	Ratio	Lower	Upper
152	100		
150	155.1	120.5	180.7
115	55.7	45.5	68.3

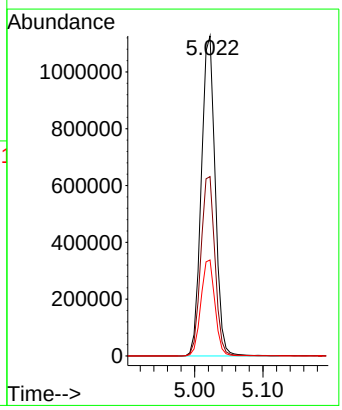


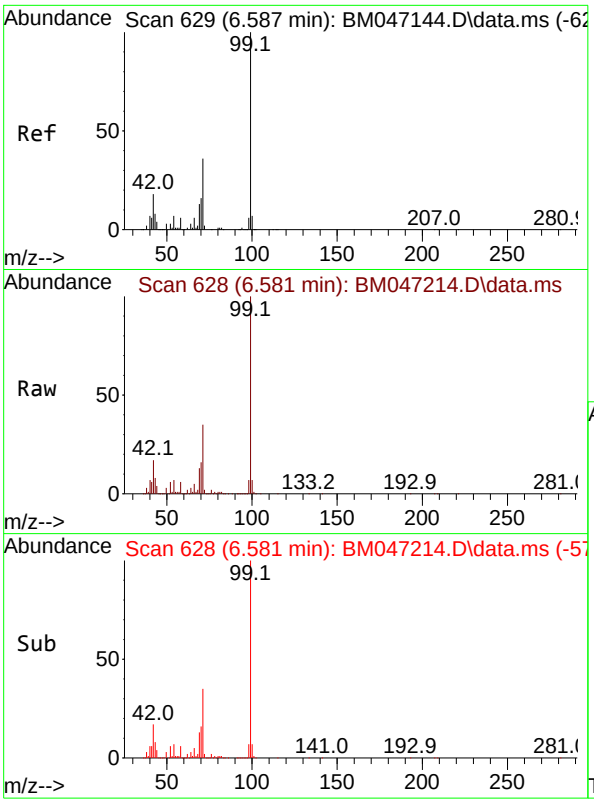


#5
2-Fluorophenol
Concen: 100.392 ng
RT: 5.022 min Scan# 363
Delta R.T. 0.000 min
Lab File: BM047214.D
Acq: 15 Aug 2024 14:11

Tgt Ion:112 Resp: 1595361

Ion	Ratio	Lower	Upper
112	100		
64	56.1	46.7	70.1
63	30.0	24.8	37.2



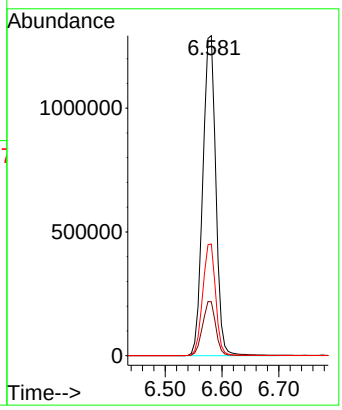


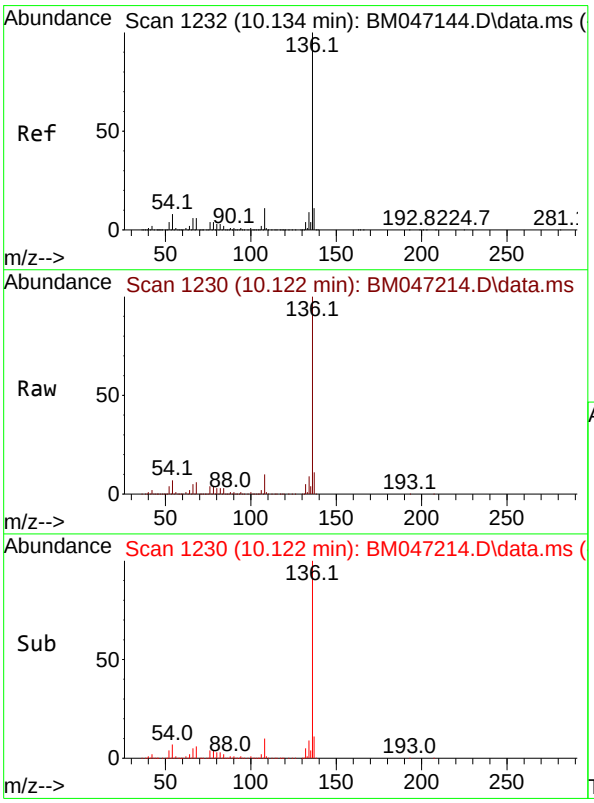
#7
Phenol-d6
Concen: 93.793 ng
RT: 6.581 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM047214.D
Acq: 15 Aug 2024 14:11

Instrument :
BNA_M
ClientSampleId :
OU4-CF-14-080624

Tgt Ion: 99 Resp: 2053777

Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.1	21.1
71	34.9	28.5	42.7

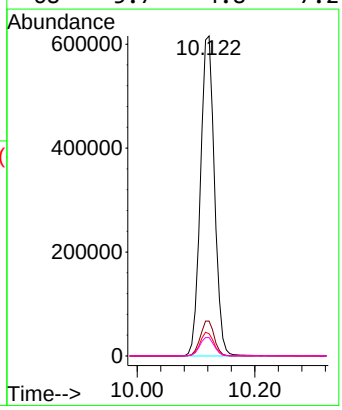


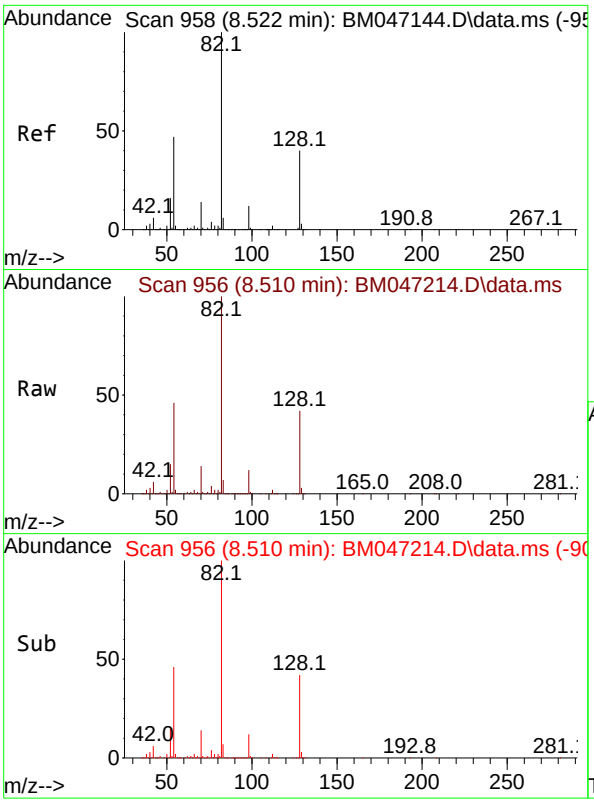


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.122 min Scan# 1230
Delta R.T. -0.012 min
Lab File: BM047214.D
Acq: 15 Aug 2024 14:11

Tgt Ion:136 Resp: 1018429

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.9	6.0	9.0
68	5.7	4.8	7.2



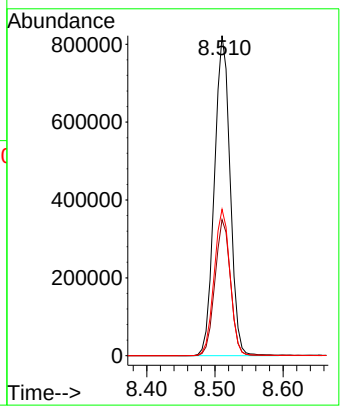


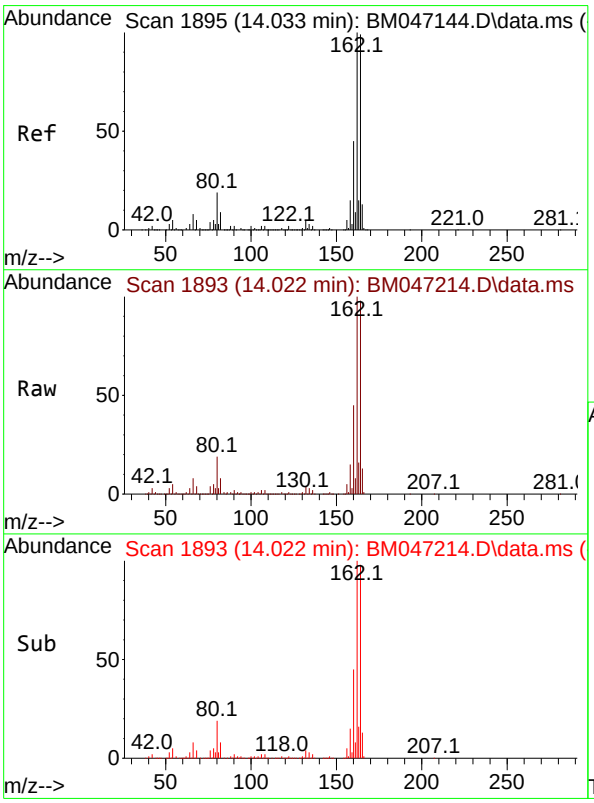
#23
Nitrobenzene-d5
Concen: 65.168 ng
RT: 8.510 min Scan# 9
Delta R.T. -0.012 min
Lab File: BM047214.D
Acq: 15 Aug 2024 14:11

Instrument :
BNA_M
ClientSampleId :
OU4-CF-14-080624

Tgt Ion: 82 Resp: 1318072

Ion	Ratio	Lower	Upper
82	100		
128	42.5	32.3	48.5
54	45.8	37.4	56.2

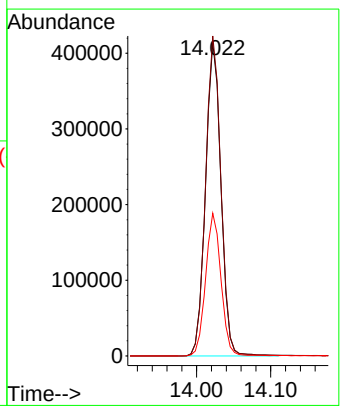


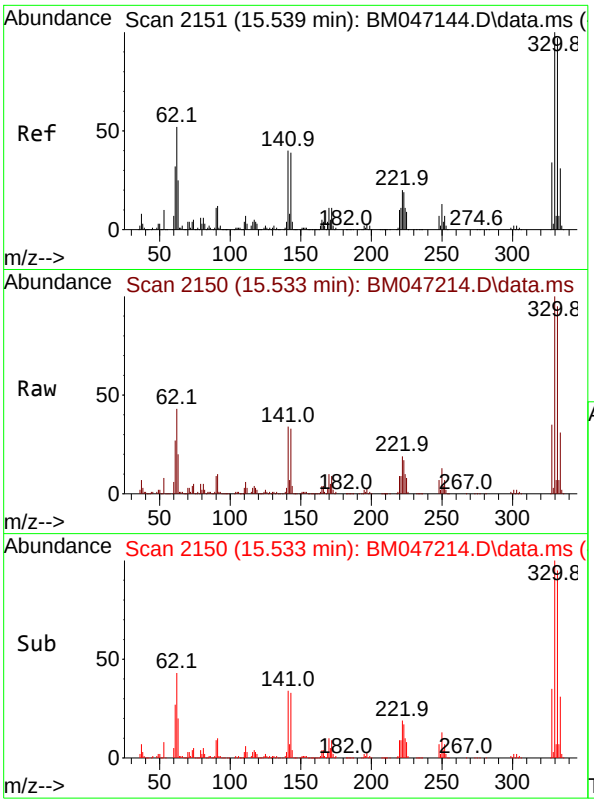


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.022 min Scan# 1893
Delta R.T. -0.012 min
Lab File: BM047214.D
Acq: 15 Aug 2024 14:11

Tgt Ion:164 Resp: 598262

Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.7	121.1
160	45.5	36.0	54.0



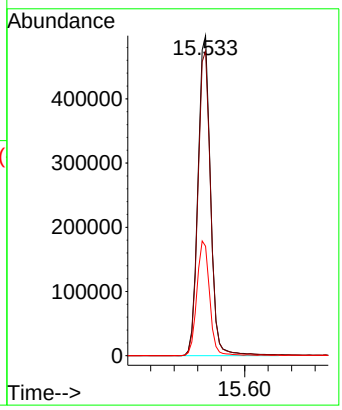


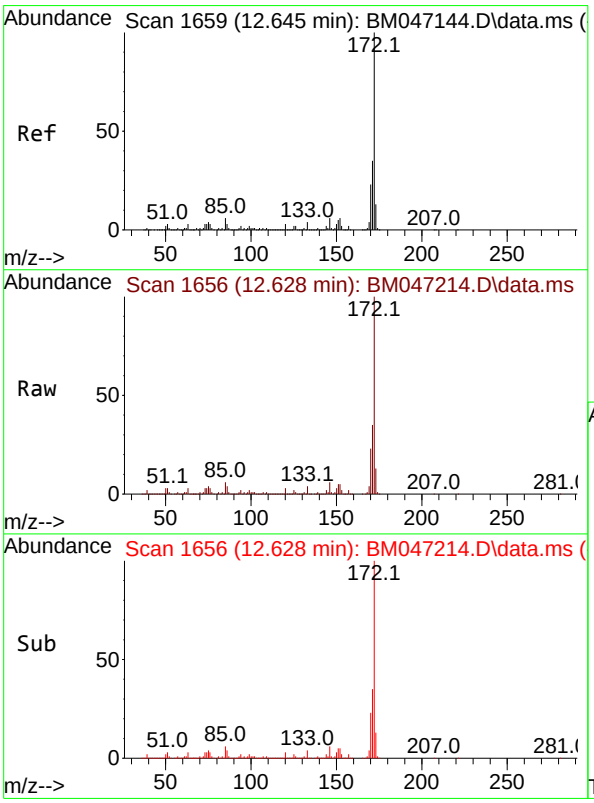
#42
2,4,6-Tribromophenol
Concen: 106.640 ng
RT: 15.533 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047214.D
Acq: 15 Aug 2024 14:11

Instrument :
BNA_M
ClientSampleId :
OU4-CF-14-080624

Tgt Ion:330 Resp: 739753

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	36.3	31.6	47.4

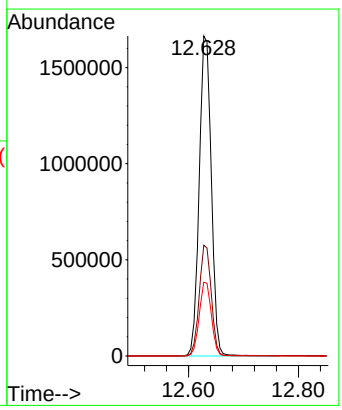


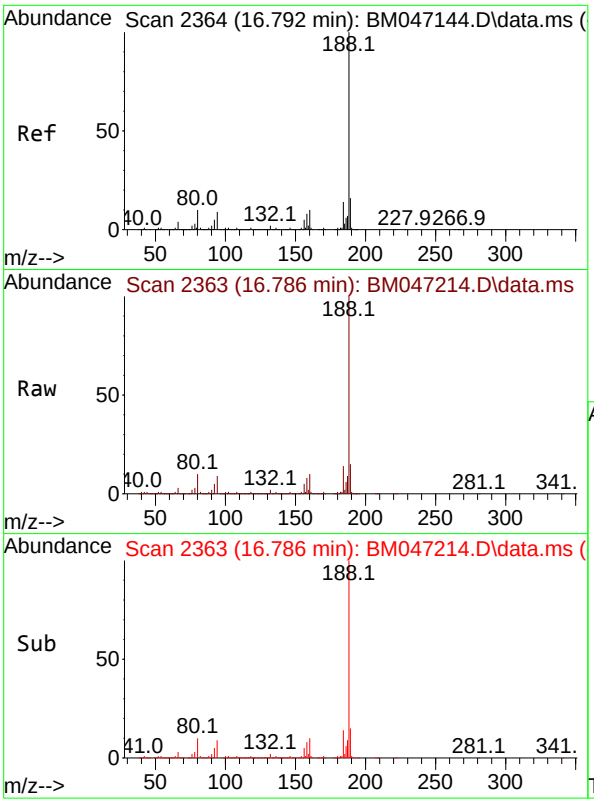


#45
2-Fluorobiphenyl
Concen: 65.637 ng
RT: 12.628 min Scan# 1656
Delta R.T. -0.017 min
Lab File: BM047214.D
Acq: 15 Aug 2024 14:11

Tgt Ion:172 Resp: 2545687

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	23.0	18.7	28.1



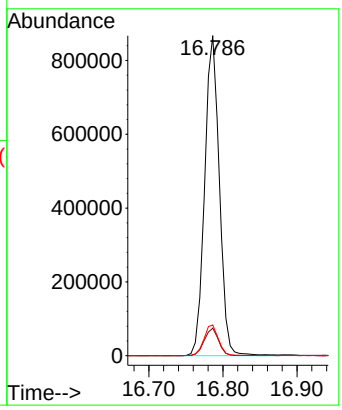


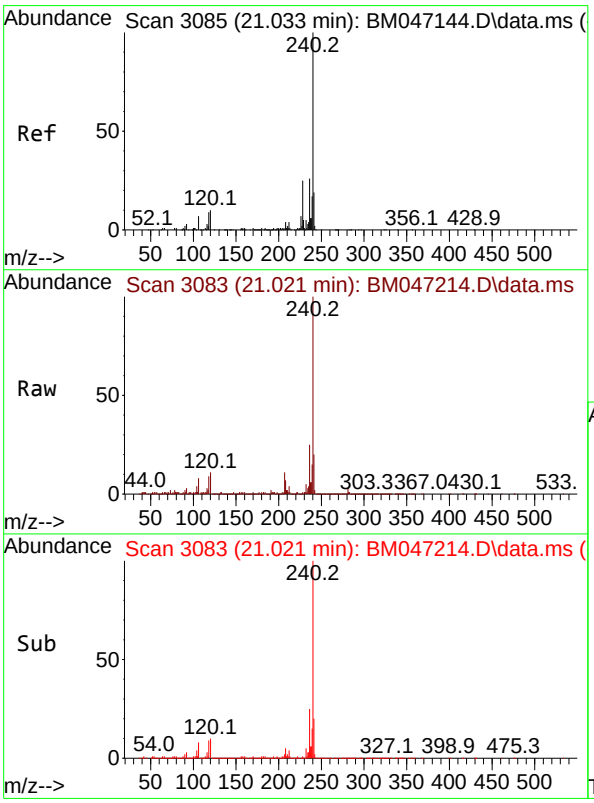
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.786 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM047214.D
Acq: 15 Aug 2024 14:11

Instrument :
BNA_M
ClientSampleId :
OU4-CF-14-080624

Tgt Ion:188 Resp: 1194733

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.0	10.6
80	9.6	8.0	12.0

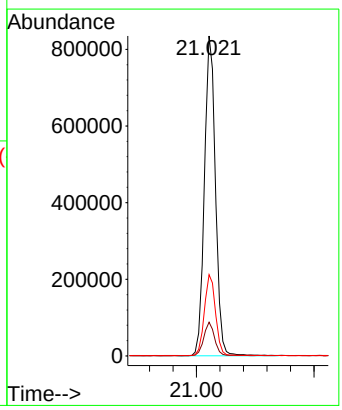


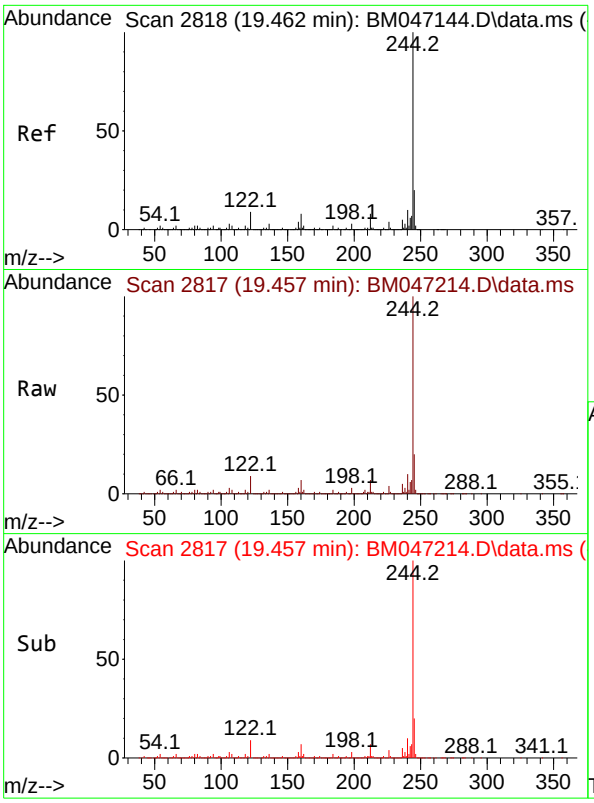


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.021 min Scan# 3083
Delta R.T. -0.012 min
Lab File: BM047214.D
Acq: 15 Aug 2024 14:11

Tgt Ion:240 Resp: 1089622

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.2	12.2
236	25.4	20.6	30.8



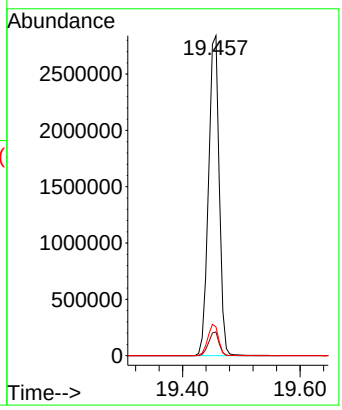


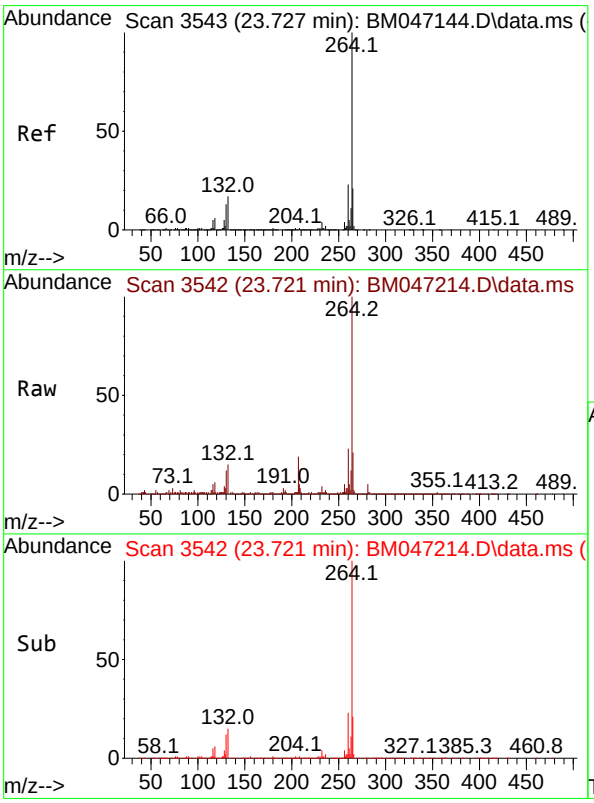
#79
Terphenyl-d14
Concen: 70.991 ng
RT: 19.457 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM047214.D
Acq: 15 Aug 2024 14:11

Instrument :
BNA_M
ClientSampleId :
OU4-CF-14-080624

Tgt Ion:244 Resp: 3609954

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.4
122	9.0	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.721 min Scan# 3542
Delta R.T. -0.006 min
Lab File: BM047214.D
Acq: 15 Aug 2024 14:11

Tgt Ion:264 Resp: 1233826

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.5	27.7
265	21.4	17.3	25.9